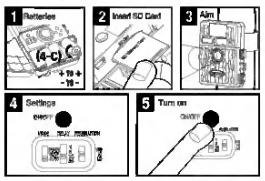
# D50IR Manual 18-Mar-2010

MOULTRIE

# DIGITAL GAME CAMERA
## USER MANUAL

Please take a few minutes to read and understand these instructions before using.

## QUICK START INSTRUCTIONS




**IMPORTANT NOTICE:** If you have a problem, call us for help. DO NOT RETURN THIS UNIT TO THE RETAILER. (844) 653-3334

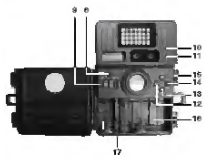
Manual covers the following units:
MHH-D50-D50IR

## 9 CAMERA • DESCRIPTION

D50IR MODEL CAMERA

5. POWER ON/OFF BUTTON
6. FUNCTION SWITCHES
   - MODE (IR AIM, SETUP, AUTO)
   - DELAY (1, 5 , 10, 30 MINS)
   - RESOLUTION (VID, HI, LO)
10. STATUS INDICATOR
11. BATTERY INDICATOR
12. SELECT BUTTON
13. CHANGE BUTTONS (UP ▲ /DOWN ▼)
14. ENTER BUTTON
15. SD MEMORY CARD SLOT
16. BATTERY COMPARTMENT
17. 12-VOLT EXTERNAL POWER PORT

(This camera is compatible with the Moultrie Powerpanel accessory to extend your battery life. Please visit our website at www.moultriefeeders.com for more information



**NOTE:** Product label is inside the camera cover.



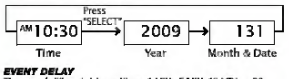
## 2 SETUP • PROGRAMMING

### SET DATE AND TIME

In SETUP mode, the LCD will show the time. Press ENTER and the hour will flash. Press Up(▲) or Down(▼) to select the proper hour, then press ENTER again and the minute will flash. Press Up(▲) or Down(▼) to select the proper minute. Press ENTER again, AM or PM will flash. Press Up(▲) or Down(▼) to select the Day and Night accordingly. Press ENTER to confirm the selections.

After setting up the time, press SELECT and the LCD will show the year. Press ENTER and the year will flash. Press Up(▲) or Down (▼) to select the proper year and press ENTER again to confirm.

After setting up the year, press SELECT and the LCD will show the date. Press ENTER and the month will flash. Press Up(▲) or Down (▼) to select the proper month, then press ENTER again and the day will flash. Press Up(▲) or Down(▼) to select the proper day, then press ENTER again to confirm.




### EVENT DELAY

There are 4 different delay settings: 1 MIN., 5 MIN, 10 MIN. or 30 MIN. Slide the DELAY SWITCH to the position of your selection. When the game camera is in AUTO mode, it will work according to your selected event delay.

### IMAGE QUALITY AND VIDEO

There are 3 different capture settings: Video (VID), High (HI) and Low (Lo). Please refer to the section 7 MEMORY – STORAGE/CAPACITY for the description of each setting. Slide the RESOLUTION SWITCH to the position of your selection. When the game camera is in AUTO mode, it will work according to your selected capture setting.



## 7 MEMORY • STORAGE/CAPACITY

Your camera supports external SD memory card ONLY (NO internal memory available). The LCD shows "0000" if NO SD memory card is inserted in AUTO mode. The camera cannot capture without external memory.

Please insert a SD memory card.

Image capacity is based on average use and will vary.

**MEMORY CHARTS:**

D50IR MODEL CAMERA

| Resolutions | | Picture count based with 2GB SD Card | |
|---|---|---|---|
| Low | 640 x 480 | Low | 8705 |
| High | 2560 x 1920 | High | 1577 |
| Video | AVI 640 x 480 | Video | 204 |

**IMPORTANT:** Always turn unit off when inserting or removing a memory card to avoid damage and ensure that the camera properly updates the memory information.



## 4 SETUP • DEFINITIONS

**ON/OFF button**
Turn the unit ON or OFF. To turn ON you must press and hold the ON/OFF button until the LCD display activates.

**MODE SWITCH**
Depending on the position of the switch, there are 3 possible functions: IR AIM, SETUP and AUTO.

**EVENT DELAY SWITCH**
Depending on the position of the switch, there are 4 event delay time can be set: 1 min, 5mins, 10mins and 30mins.

**RESOLUTION SWITCH**
Depending on the position of the switch, there is one video option: VID and two images resolution options: HI and LO

**UP(▲) OR DOWN (▼) BUTTON**
Used to change the settings within the SETUP mode.

**SELECT BUTTON**
Make selections in SETUP mode.

**ENTER BUTTON**
Confirm the selection in SETUP mode.

**SD MEMORY CARD PORT**
Insert SD card for memory with the metal contact facing down. A SD card is required in order for the camera to capture images/videos.

**STATUS INDICATOR**
To indicate a motion is detected in IR AIM mode.

**BATTERY INDICATOR**
-To indicate the batteries are low, please replace batteries with fresh batteries.



## 1 SETUP • LOAD BATTERY

Unlock the two latches to open the camera cover.
Insert 4 fresh C Cell alkaline batteries into the battery compartment.
Place the batteries as the positive (+) and negative (-) polarities are lined up correctly as indicated in the battery compartment.
Close the camera cover. When the battery indicator turns "Green", replace the batteries with fresh C cell alkaline batteries.

## 2 SETUP • PROGRAMMING

### TURN POWER ON AND OFF

Open the camera cover. Slide the MODE switch to the SETUP position. Press and hold the ON/OFF button until the time appear on the LCD display. If you want to turn the unit off, simply press the ON/OFF button again. The LCD shows "OFF" and then goes off.
NOTE: If there is no activity for 2 minutes, the camera will automatically shut off to conserve battery life.



## 10 WARRANTY

**This product has been thoroughly tested and inspected before shipment. It is guaranteed from defects in material and workmanship from the date of purchase for 1 year. Under this limited guarantee we agree to replace or repair free of charge any part or parts which have been found to be defective in original material or workmanship. Should you require in-warranty service, call our Customer Service Department. If your problem cannot be addressed over the telephone, we may need you to send us your defective product plus proof of purchase.**

**IMPORTANT:**
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**IF YOU HAVE A PROBLEM CALL US,
DO NOT RETURN TO THE RETAILER.**
Moultrie Customer Service
(256) 964-8726 or (800) 653-3334
www.moultriefeeders.com
Moultrie Feeders
150 Industrial Rd.
Alabaster, AL 35007
Printed in China
(0307)

This product is covered by one or more of the following
US Patents: 6735887, 8768958, 6834161 and other pending patents.
Warning! This product contains lead, a chemical known to the state of California to cause cancer, birth defects and other reproductive harm.

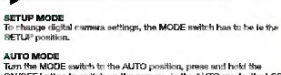


## 4 SETUP • DEFINITIONS

**SETUP MODE**
To change digital camera settings, the MODE switch has to be in the SETUP position.

**AUTO MODE**
Turn the MODE switch to the AUTO position, press and hold the ON/OFF button to switch on the camera. In the AUTO mode, the LCD display shows the time(Fig.1) and then counts down for 10 sec(Fig2). The LCD goes off and the camera is STANDBY for capturing.

If a motion is detected, the camera will wake up and show the time(Fig3). While a picture or video clip is capturing the LCD shows "SNAP". After the capturing process is finished, it will show the number of pictures or video clips remain(Fig4). Then the camera will be in STANDBY mode again.




**MEMORY FULL**
In the AUTO mode, if the LCD shows "0000", it means that the memory is full. The camera will shut off automatically to save battery life. Please insert an empty SD memory card for memory space.

**LOW BATTERY**
If the BATTERY indicator turns green, it means that the battery is low. Please replace batteries with fresh batteries.

## 5 OPERATIONS • MOUNTING

### MOUNTING CAMERA

Use the mounting strap included to mount the camera securely in the desired location.

## 6 OPERATIONS • AIMING

**INFRARED (IR) AIM**
The camera can be aimed using the infrared detection system. Slide the MODE switch to IR AIM position. Press and hold the ON/OFF button until "Ir" is displayed on the LCD panel. The IR aiming mode is now active. Wave your hand in front of the camera. The STATUS light will turn red every time motion is detected. Find your desired target.
Note: The camera will shut down automatically after 2 minutes to save battery life.

**THINGS TO REMEMBER**

1. This camera is activated by infrared sensors that detect game by sensing a moving heat source whose temperature is different than the ambient temperature. Temperatures and type of movement will affect the sensitivity of your camera. To verify the sensitivity you must go to the IR AIM mode and walk across the field of view at various distances from the camera noting the status light activity.

2. To maximize battery life the camera "sleeps" when no activity occurs for 2 minutes. It takes a couple of seconds (Flash will be slightly longer) to "wake" the camera when activity occurs. ONLY AFTER THE CAMERA WAKES will game movement result in a picture.

3. Battery life is different for every user. It is determined by the quality of the battery, amount of charge, temperature, number and type of pictures taken. You should expect an average of 60 days run time in areas freezing weather, taking an average amount of photos daily. However, if you take a large number of photos it will shorten your running time in the field. The camera will not operate consistantly in below freezing temperatures.



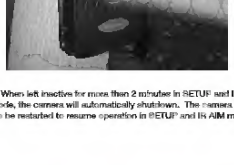
## 3 SETUP • MODE SELECTION

### GENERAL OPERATION

1. Automatic AUTO mode records images/videos using infrared detection. ALWAYS LEAVE THE MODE SWITCH IN THE AUTO MODE OR THE CAMERA WILL NOT OPERATE.

2. Setup SETUP mode for setting up Date and Time as described in previous section.

3. IR Aim IR AIM mode for helping you to aim the camera towards the object. Please consult the section 6. OPERATION – AIMING for detail description.



NOTE: When left inactive for more than 2 minutes in SETUP and IR AIM mode, the camera will automatically shutdown. The camera will need to be restarted to resume operation in SETUP and IR AIM mode.



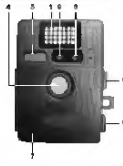
## 9 CAMERA – SPECIFICATIONS

| | |
|---|---|
| **Operational Modes:** | **Auto** – Automatic operation<br>**Setup** – Set Date and Time<br>**IR Aim** – Infra Red Aiming object |
| **Video:** | 10 seconds AVI clips |
| **Picture Resolution (pixels):** | LO/HI<br>(See Section7, Memory • Storage / Capacity) |
| **Format:** | JPEG – still images and AVI – video clips |
| **Max. External SD Memory:** | Up to 16GB (optional) |
| **Infrared Sensor:** | Passive, activated when motion in website |
| **Infrared Sensor Range:** | 30 ft. / 22° width |
| **Flash:** | IR LEDs |
| **Flash Range:** | 5 ft. - 30' ft. |
| **Image Output:** | Record in SD card |
| **Event Delay:** | 1 MIN., 5 MIN, 10 MIN. or 30 MIN. |
| **LCD Display Panel:** | Displays Date/Time Setup, # of Images/ Video Count |
| **Power Supply:** | 4 Alkaline C Cells batteries |
| **Duty Cycle:** | 30 days average with 4-C Cell batteries |
| **Adjustable mounting:** | Mounting Strap |

## 9 CAMERA • DESCRIPTION

D50IR MODEL CAMERA

1. IR LEDs
2. CAMERA LENS (COLOR SENSOR)
3. CAMERA LENS (BLACK & WHITE SENSOR)
4. PIR SENSOR
5. LCD STATUS DISPLAY
6. LOCKABLE LATCHES
7. WEATHER-RESISTANT CASE



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# Specifications and Dimensions

| Specifications | 200 Pound |
|---|---|
| **Noise level measured during operation at operator position of 3.3 feet (1 meter) in front of machine and 5.2 feet (1.6 meters) from floor.** | 66 dBA |
| **Cylinder Size: Inches (mm)** | 50.75 x 50<br>(1289 x 1270) |
| **Cylinder Capacity dry weight: Pounds (kg)** | 200<br>(90.7) |
| **Cylinder Motor Horsepower** | 0.75 |
| **Fan Motor Horsepower** | 3 |
| **Air Outlet Diameter: Inches (mm)** | 12<br>(300) |
| **Maximum Static Back Pressure: W.C.I. (mbar)** | 0.3<br>(0.8) |
| **Maximum Airflow: C.F.M (L/sec.)** | 2450<br>(1156) |
| **Gas Models** | |
| **Net Weight (approximate): Pounds (kg)** | 1707<br>(774) |
| **Gas Connection** | 1 in. NPT |
| **Gas Burner Rating: Btu/hr. (Mj/hr.)** | 425,000<br>(448) |
| **Steam Models** | |
| **Net Weight (approximate): Pounds (kg)** | 1807<br>(820) |
| **Steam Connection** | 3/4 in. NPT inlet<br>1 in. NPT outlet |
| **Steam Coil Rating at 100 psig:Boiler Horsepower (Btu/hr.) (recommended operating pressure 80-100 psig)** | 18.8<br>(648,000) |
| **Electric Models** | |
| **Heating Element Rating:Kilowatts (kW)** | N/A |

N/A = Not Applicable



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## INSTALLATION AN SERVICING INSTRUCTIONS THE FOLLOWING SECTION LISTS THE INSTALLATION REGULATIONS AND REQUIREMENTS

All gas appliances must be installed by a competent person in accordance with the current Gas Safety (Installation and Use) Regulations 1994 (as amended) or the rules in force and in accordance with the manufacturers instructions, failure to do so could lead to prosecution
The following are the relevant Codes of Practice and British Standards.

| | | |
|---|---|---|
| BS 8303 1986 | BS 5440 Pt1 1990 & Pt2 1989 | The Building Regulations issued by the |
| BS1251 1987 | BS 5871 Pt2 1991 & Pt3 1991 | Department of the Environment. The |
| BS 6891 1988 | BS 6461 Pt1 1984 | Building Standards Scotland)(Consolidation) |
| BS 715 1989 | BS 1289 Pt1 1986 | Regulations issued by the Scottish Development |
| BS 7566 Pts 1-4 1992 | | Department. |

## TECHNICAL DATA

| | |
|---|---|
| Overall height of fire | = 614 mm |
| Minimum height of opening required | = 550 mm |
| Maximum height of opening | = 590 mm |
| Minimum width of opening required | = 395 mm |
| Maximum width of opening with spacer | = 470 mm |
| Forward projection from opening (With controls cover) | = 140 mm |
| Min depth of openings | See Figs 1-8 |
| TYPE OF GAS G20 Only | Supply Pressure 20 mbar +/- 1mbar (Cold) |
| GAS INPUTS (Gross) | |
| | Maximum 5.42 kW (18500 Btu/h) |
| | Minimum 2.34 kW (8000 Btu/h) |
| | Pilot 0.26 kW (890 Btu/h) |
| Main Injector Type | Bray Cat 82/380 |
| | Or Stereomatic 046/19/196/68M |
| Pilot Assembly | SIT Oxy/Pilot NG 9022 |
| GAS CONNECTION | 8 mm O/D Tube |
| WEIGHT | 22 kg |

**Note:** None of the materials used in the manufacture of this appliance contain asbestos.

## INSTALLATION NOTES

Care should be taken to ensure when the appliance is installed into a Pre-cast flue, the chimney breast is lined to prevent the plaster etc, cracking through excessive temperatures.

A certain amount of discolouration (blueing) may be seen on the stainless steel combustion chamber, this is normal due to the temperatures produced in the fire bed.

A hearth must always be provided, a minimum of 340mm and a minimum of 150mm either side of the fire opening with a minimum thickness of 12mm and a perimeter height of 50mm. This is to deter combustible materials, carpets etc, being placed on the hearth.

The area under the firebox must have a minimum non-combustible thickness of 25mm.



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### Presetting stations manually

**(Manual Memory)**

1 Press **BAND** repeatedly to select the desired band (FM1, FM2, FM3, AM1, or AM2).
2 Press ▲ or ▼ to tune in to a desired station (see "Tuning in to a station" as well for another tuning method).
3 Press and hold the desired preset station button until the unit beeps.

**Note**

A newly preset station replaces the station on the same band that was previously stored on that preset station button.

### Tuning in to a preset station

1 Press **BAND** repeatedly to select the desired band (FM1, FM2, FM3, AM1 or AM2).
2 Press the preset station button on which the desired station is stored.

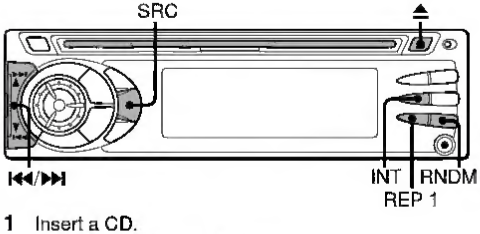
**Active tuning reception control (ATRC)**

The unit automatically suppresses FM noise caused by vehicle movement, and maintains sound quality.

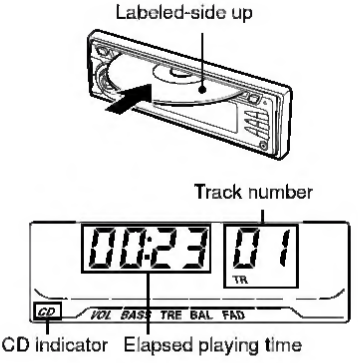
# CD PLAYER OPERATION

### Playing a CD

You can play CDs, CD-Rs and CD-RWs using the procedure described below.




1 Insert a CD.
"CD" appears in the display.
CD play starts.
If a CD is already inserted, press **SRC** repeatedly to select CD play mode.
In normal play, when the last track finishes, the unit returns to the first track and continues to play.




| To | Press |
|---|---|
| Eject a CD | ⏏ |
| Skip to the next track | ▶▶I |
| Go back to the beginning of the current track<br>Each extra press skips backward one extra track | I◀◀ |
| Locate a specific point in a track | Press and hold I◀◀ or ▶▶I until you find the point. |

**Note**

- When you play a CD that is already inserted, CD play starts at the point where it stopped the previous time. A newly inserted CD starts from the first track.
- A CD-R or CD-RW may take some time to start playing back, but this is not a malfunction.
- If a CD-R or CD-RW with no data or incompatible data is inserted, "E03" will appear in the display. The unit cannot play such discs.

**Intro Play**

You can locate a desired track by monitoring the first 10 seconds of all the tracks on a CD.

1 Press **INT** during CD play.
"SCAN" appears in the display.
2 Press **INT** again when the desired track is played.
The unit returns to normal CD play.

**One track Repeat Play**

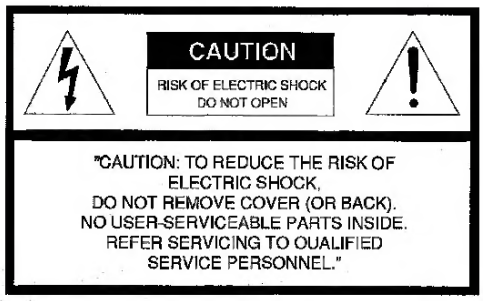
You can play a track repeatedly.

1 Press **REP1** during CD play.
"REPEAT1" appears in the display.

**To cancel One track Repeat Play,** press **REP1** again.

## ADVERTENCIA

PARA REDUCIR EL RIESGO DE INCENDIOS O SACUDIDAS ELECTRICAS, NO EXPONGA ESTE APARATO A LA LLUVIA NI A LA HUMEDAD.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
"CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL."

### Explicación de los símbolos gráficos:

El símbolo del relámpago con la punta en flecha dentro de un triángulo equilátero, sirve para alertar al usuario de la presencia de "tensión peligrosa" sin aislar en el interior de la caja del aparato, la cual podrá ser lo suficientemente fuerte como para suponer un riesgo de sacudida eléctrica a personas.

El signo de exclamación dentro del un triángulo equilátero sirve para alertar al usuario de la presencia de instrucciones importantes de operación y mantenimiento (servicio) en la información que acompaña al aparato.

### PARA EL REGISTRO DEL DUENO

Para su comodidad, anote el numero del modelo (el cual lo encontrara en la parte de abajo de la unidad) y el numero de serie (el cual lo encontrara en el compartimiento de la bateria) en el espacio dado a continuacion. Por favor, en caso de dificultad, Ud. comunique al repartidor de AIWA, las referencies de numero del modelo y numero de serie.

No del modelo _____ No de serie _____

# Precauciones

Antes de utilizar la unidad, lee cuidadosa y completamente este manual de instrucciones. Guarde el manual de instrucciones para futuras referencias. Todos los avisos y precauciones del manual de instrucciones y de la unidad deberán seguirse estrictamente, así como les sugerencias de seguridad indicadas a continuación.

## Instalación

1 **Agua y humedad** - No utilice esta unidad cerca del agua, como al lado de una bañera, un lavabo, el tregadero de la cocina, una lavadora, ni en un sótano húmedo, una piscina, etc.

2 **Calor** - No utilice esta unidad cerca de fuentes térmicas, como selides de calefacción, estufas, ni demás aparatos que generen calor.
Además, no deberá colocarse en lugares con temperaturas inferiores a 5°C ni superiores a 35°C.

3 **Superficie da montaje** - Coloque la unidad sobre una superficie plana y nivelada.

4 **Ventilación** - La unidad deberá colocarse con espacio suficiente a su alrededor para asegurar una ventilación adecuada. Deje una separación de 10 cm desde las partes posterior y superior de la unidad, y 5 cm desde cada lado.
- No la coloque sobre une came, una alfombra, ni nada similar que pueda bloquear las aberturas de ventileción.
- No la instale en una libreria, un armario, ni un bastidor cerrado, donde la ventileción pudiera ser deficiente.

5 **Introducción de objetos y líquidos** - Tenga cuidado de que en el interior de la unidad no entre objetos pequeños ni líquidos a través de las aberturas de ventilación.

6 **Carritos y estantes** - Utilice la unidad solamente con un carrito o un estante recomendado por el fabricante. Cuando la haya colocado o montado sobre un estante o un carrito, deberá moverla con cuidado.
Las paradas repentinas, la tuerza excesiva, o las superficies desigueles podrían causar el vuelco o la caída de la combinación de la unidad y el carrito.

7 **Condensación de humedad** - En el objetivo del captor del reproductor de discos compactos puede condensarse humedad cuando:
- Traslade la unidad de un lugar frío a otro cálido.
- Conecte el sistema de calefacción.
- Utilice la unidad en una sala muy húmeda.
- Enfríe la sala con un acondicionador de aire.
Cuando se haya condensedo humedad en el interior de esta unidad, es posible que no funcione normelmente. Cuando ocurra esto, deje la unidad durante algunas horas, y después trate de volver a utilizarla.

8 **Monteje en una pared o en un techo** - La unidad no deberá montarse en una pared ni en un techo a menos que se especifique en el manual de instrucciones.

## Energía eléctrica

1 **Fuentes de alimentación** - Utilice pilas o la corriente de la red de CA, como se especifica en el manual de instrucciones, y como está marcado en la unidad.

2 **Polarización** - Como medida de seguridad, algunos aparatos cuentan con enchufes de corriente polarizados, los cuales pueden enchufarse en el tomacorriente solamente en une dirección. Si cuesta o resulta imposible insertar el enchufe en la toma de corriente, dé vuelta el enchufe y vuelva a probar. Si incluso después de cambiar no se puede enchufar con facilidad, pida a un técnico calificado que repare o cambie la toma de corriente. No inserte el enchufe a la tuerza, para evitar anular la protección de seguridad del enchufe polarizado.

3 **Cable de alimentación de CA**
- Para desconectar el cable de alimentación de CA, tire de su enchufe. No tire nunca del propio cable.
- No tome nunca el cable de elimentación de CA con las manos húmedas, ya que esto podría resultar en incendios o descargas eléctricas.
- Los cables de elimentación deberán asegurarse firmemente para evitar que se doblen, queden pillados, o alguien pueda pisarlos. Preste especial atención al cable que va de la unidad al tomacorriente.
- Evite sobrecargar los cebles de alimentación de CA y los cables prolongadores por encima de su capacidad, ya que esto podría resultar en incendios o descargas eléctricas.

4 **Cable de extensión** - Pere evitar el riesgo de descargas eléctricas, no utilice enchufes de corriente polarizados con cables de extensión, receptáculos u otras tomas de corriente, selvo que el enchufe pueda insertarse por completo y así evitar que queden expuestos los contactos eléctricos.

5 **Períodos sin utilizeción** - Cuando no vaya a utilizar la unidad durante varios meses, desenchufe el cable de alimentación de CA del tomacorriente o extrálgale todas las pilas. Cuando el cable de alimentación esté enchutado, circulará una pequeña corriente por la unidad, incluso aunque su alimentación esté desconectada.

## Mantenimiento

Limpie le unidad solamente como se recomienda en el manual de instrucciones.

## Daños que requieren servicio

Haga que la unidad sea revisada por un técnico de servicio cualificedo si:
- Se ha dañado el cable de alimentación o el enchufe.
- En el interior de la unidad han entrado objetos extraños o líquidos.
- La unidad ha estado expuesta a la lluvia o al agua.
- La unidad parece no funcionar normalmente.
- La unidad presenta un cambio notable en su rendimiento.
- La unidad ha caído o se ha dañado su caja.

NO INTENTE REPARAR USTED MISMO LA UNIDAD.



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# Setting up the device

After you've turned on the device and downloaded the Air Monitor app, let's get started by setting up the required connections.

Air Monitor has two connection modes.

## 1. Bluetooth connection

Bluetooth connection is for local connections between the device and your mobile phone. You will not need to sign into an Acer account to establish the connection.

You can see tbe real time sensor data in the mobile app within the range of the Bluetooth connection.

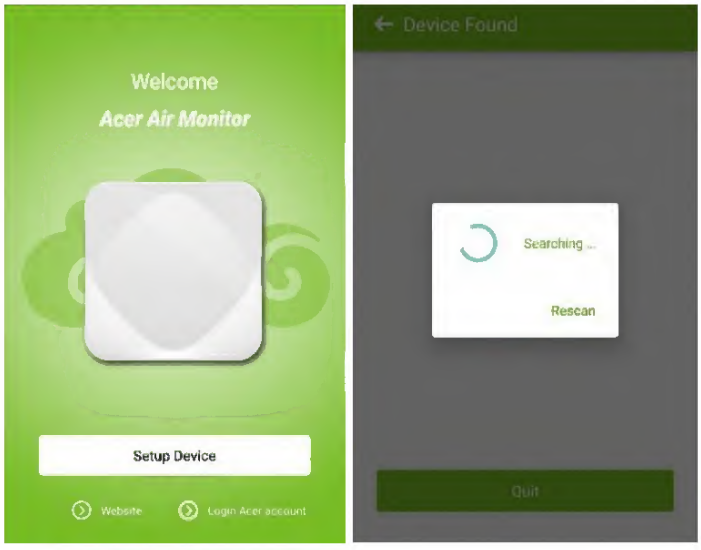
One mobile phone can see multiple Air Monitors' sensor data through the Bluetooth connection. The number of Air Monitors a mobile phone can connect to will depend on the Bluetooth capability of the mobile device. We suggest a maximum of 8 Air Monitors to one mobile device. We suggest to set up an Air monitor in a 30 square meter space.

Please follow the steps below and the instructions shown on the mobile app to setup your Air Monitor.

1. Enable Bluetooth on your phone.

   **Note :** The Bluetooth of Air Monitor will automatically be on stand by for potential connections; you won't need to turn on the Bluetooth manually.

2. Launch tbe Air Monitor app.
3. Tap the **Setup Device**




4. Tap the detected Air Monitor.



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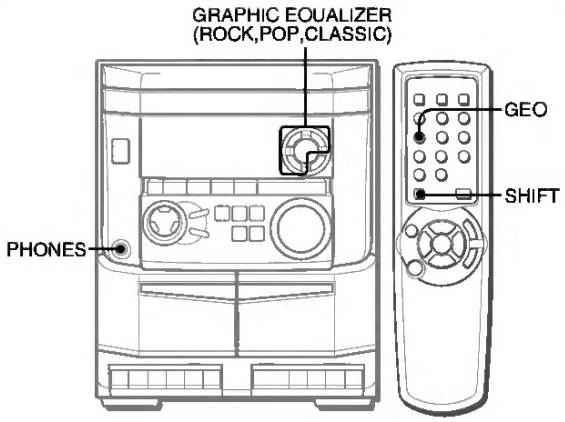
## GRAPHIC EQUALIZER




This unit provides the following three different equalization curves.
**ROCK:** Powerful sound emphasizing treble and bass
**POP:** More presence in the vocals and midrange
**CLASSIC:** Enriched sound with heavy bass and fine treble.

**Press one of ROCK, POP or CLASSIC.**
The selected equalization mode is displayed.

**To cancel the selected mode**
Press the selected button again. "GEQ OFF" is displayed.

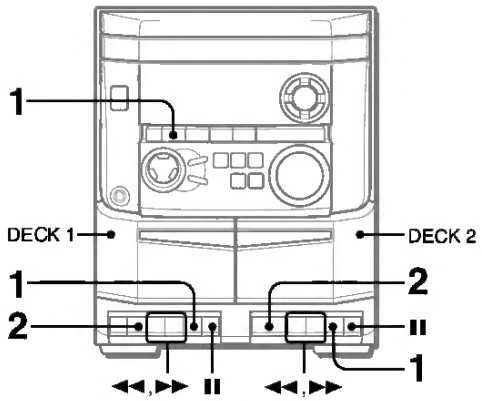
**To select with the remote control**
Press **GEQ** repeatedly while pressing **SHIFT**. The GEO mode is displayed cyclically as follows.

ROCK → POP → CLASSIC → GEQ OFF (cancel)

**Using the headphones**
Connect headphones to the **PHONES** jack with a standard stereo plug (ø6.3 mm, 1/4 inch).
No sound is output from the speakers while the headphones are plugged in.

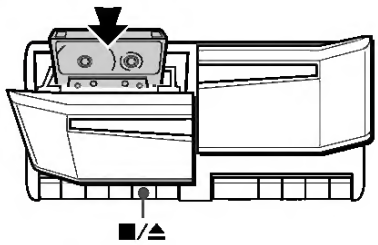
**Sound adjustment during recording**
The output volume and tone of the speakers or headphones are freely varied without affecting the recording.

## BASIC OPERATIONS




Use type I (normal) tapes only.

***1*** **Press TAPE and press ■/≜ to open the cassette holder.**




Insert a tape with the exposed side down. Push the cassette holder to close.

***2*** **Press ► to start play.**
Only the side facing out from the unit can be played back.

**To stop play**, press ■/≜.
**To pause play**, press **II**. To resume play, press again.
**To fast forward or rewind**, press ◄◄ or ►►. Then press ■/≜ to stop the tape.

**When both deck 1 and deck 2 are set in the playback mode**
Sound from deck 2 is heard.



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# Installing the Dryer

## Step 1: Position and Level the Dryer

Install dryer before washer. This allows room for attaching exhaust duct.

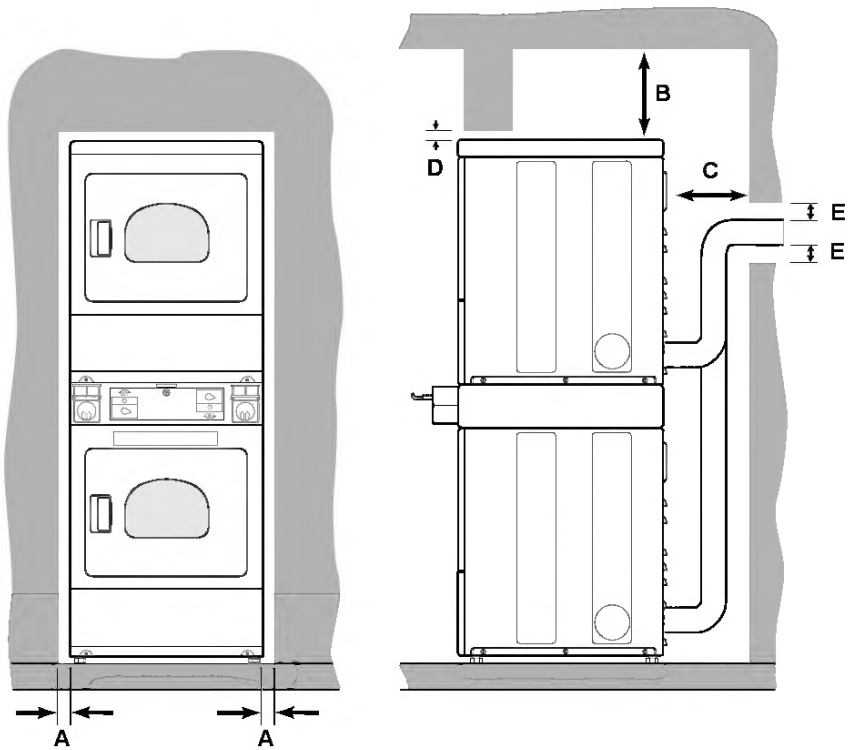
Install the four rubber feet (in accessories bag).

Select a location with a solid floor. Dryers installed in residential garages must be elevated 46 cm (18 inches) above the floor.

No other fuel burning appliance should be installed in the same closet with the dryer.

The dryer unit must not be installed or stored in an area where it will be exposed to water and/or weather.

The dryer needs sufficient clearance and an adequate air supply for proper operation and ventilation, and for easier installation and servicing. (Minimum clearances are shown in *Figure 2*).




**NOTE: Shaded areas indicate adjacent structure.**

| Dryer and Exhaust Duct Clearances | | |
|---|---|---|
| **Area** | **Description** | **Minimum Clearance** |
| A | Dryer Sides | 0 cm (0 in.) |
| B | Dryer Top (Rear 24 in.) | 30.5 cm (12 in.) |
| C | Dryer Rear | 10.2 cm (4 in.) |
| D | Dryer Top (Front 4 in.) | 1.3 cm (0.5 in.) |
| E | Exhaust Duct from Combustible Construction | 5.1 cm (2 in.) |

Figure 2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- The product does not operate normally after following the operating instructions.
- **Note:** Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

## DISPOSAL INSTRUCTIONS

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit www.acer-group.com/public/Sustainability/sustainability01.htm

## REGULATORY INFORMATION

### CAUTION when listening

To protect your hearing, follow these instructions.

- Increase the volume gradually until you can hear clearly and comfortably.
- Do not increase the volume level after your ears have adjusted.
- Do not listen to music at high volumes for extended periods.
- Do not increase the volume to block out noisy surroundings.
- Decrease the volume if you can't hear people speaking near you.

## Prevention of hearing loss

**Caution: Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.**

***À pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.***



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## CONTROLS AND INDICATORS

***13.Pause/Play/Enter***

Press to pause or resume playback or to confirm current selection

***14. (right joystick)***

DVD/Disc Mode: Press once to enter the next chapter or track.

TUNER Mode: Press once to auto-search the next available radio station.

MENU Mode: Press once to move the cursor to the right.

***15. (up joystick)***

DVD/Disc Mode: Press once for fast forward/fast reverse

TUNER Mode: Press to go up one frequency step.

MENU Mode: Press once to move the cursor up

***16. (⏏)***

Press once for disc insertion/ejection.

*Press and hold* to reset core mechanism position

***17. TFT Display***

***18. REAR***

Select rear zone source. Allows front passengers to listen to the radio while rear passengers listen to a CD, MP3, WMA or watch DVDs

BT Mode: Disconnect Bluetooth call

***19. RPT***

Press to control repeat playback function.

***20. PIP***

Press to activate the Picture In Picture function

AMN101: *Press and hold* to return to the AMN101 user interface.

***21. SD Card Slot***

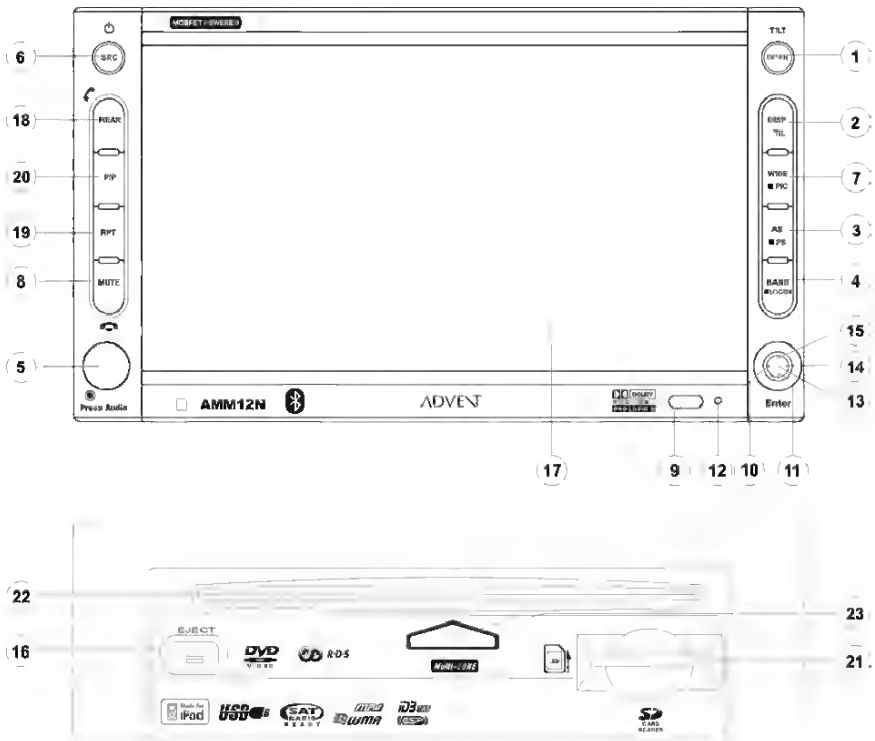
Insert SD card for playback of audio files.

***22. Disc Slot***

Insert CD or DVD for playback.

***23. Disc Loaded indicator***

Red indicates disc is loaded. Blue indicates disc slot is empty.



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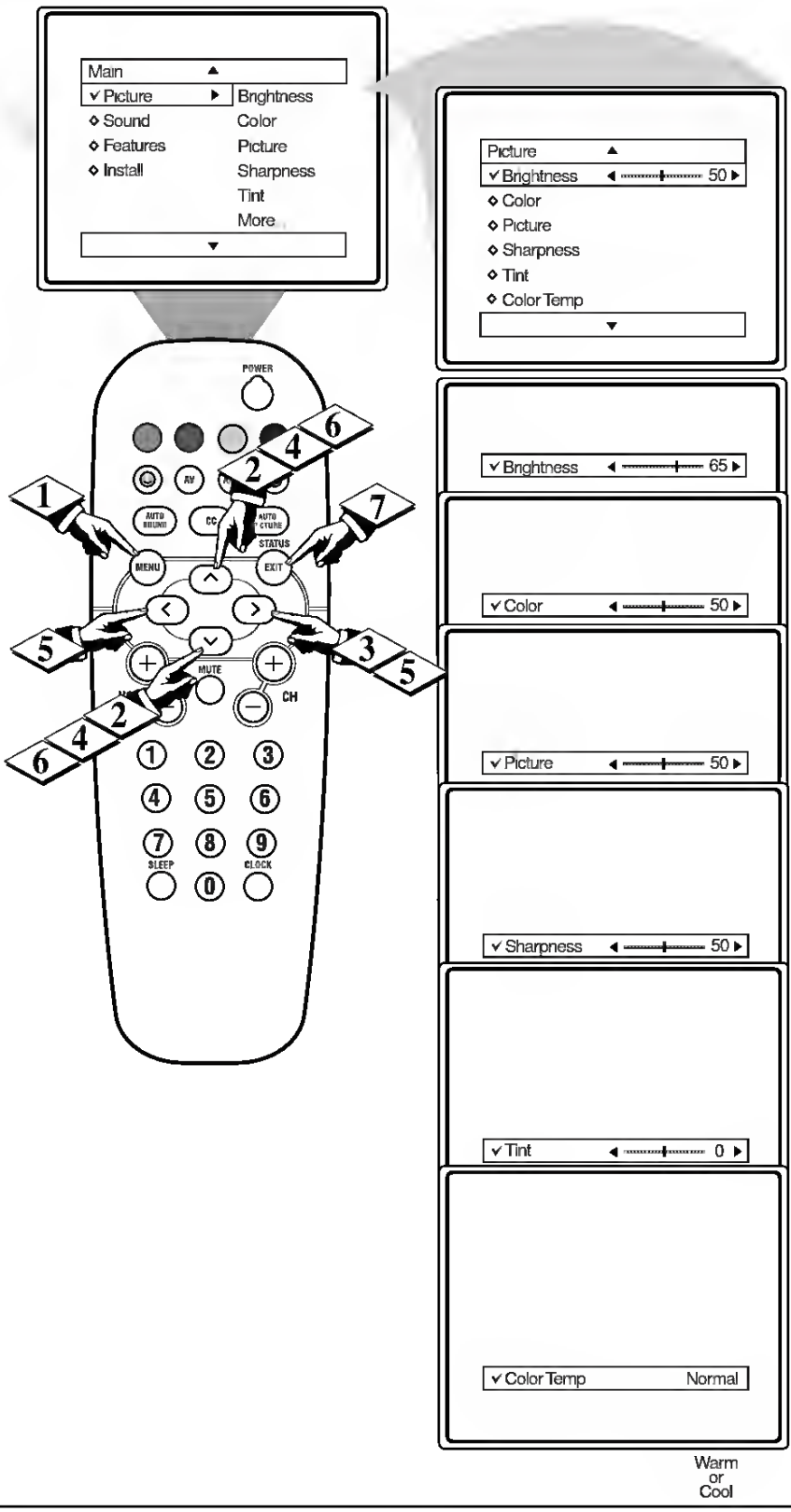
# How to Use the Picture Adjustment Controls

*To adjust your TV picture controls, select a channel and follow the steps shown below:*

**BEGIN**

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▲ or DOWN ▼ buttons** until the word **PICTURE** is highlighted.
3. **Press the CURSOR RIGHT ▶ button** to display the **PICTURE** menu features.
4. **Press CURSOR UP ▲ or DOWN ▼ buttons** to scroll the Picture features and highlight the control you wish to adjust (Brightness, Color, Picture, Sharpness, Tint, or Color Temp.).
5. **Press the CURSOR RIGHT ▶ or the CURSOR LEFT ◀ buttons** to adjust the selected control or to make selections for the Color Temp. control (Normal, Warm, or Cool).
6. **Press the CURSOR UP ▲ or DOWN ▼ buttons** to select and adjust other Picture Menu controls.
7. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP




## Smart Help

**BRIGHTNESS** **Press the ▶ or ◀** buttons until darkest parts of the picture are as bright as you prefer

**COLOR** **Press the ▶ or ◀** buttons to add or eliminate color.

**PICTURE** **Press the ▶ or ◀** buttons until lightest parts of the picture show good detail.

**SHARPNESS** **Press the ▶ or ◀** buttons to improve detail in the picture.

**TINT** **Press the ▶ or ◀** buttons to obtain natural skin tones.

**COLOR TEMP** **Press the ▶ or ◀** buttons to select NORMAL, COOL, or WARM picture preferences. (NORMAL will keep the whites, white; COOL will make the whites, bluish; and WARM will make the whites, reddish.)



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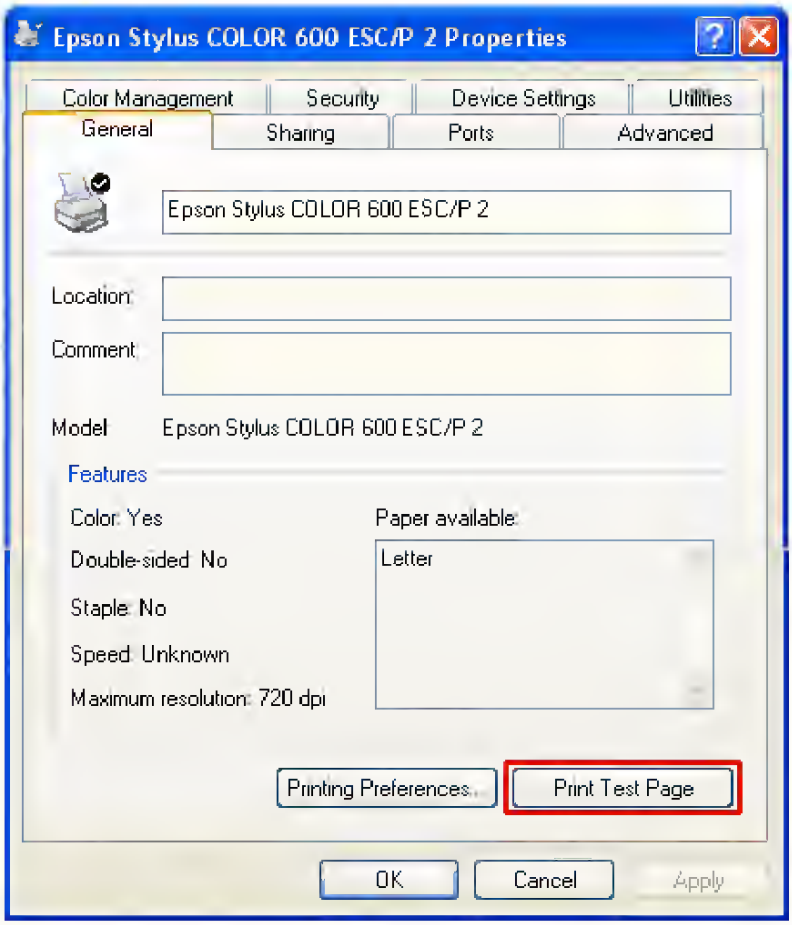
**Step 3** Click on the **Print Test Page** button. Windows should print out a test page.




**You have successfully configured the Print Server for printing.**



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# Connecting to an HDTV with Component (YPbPr) Connectors

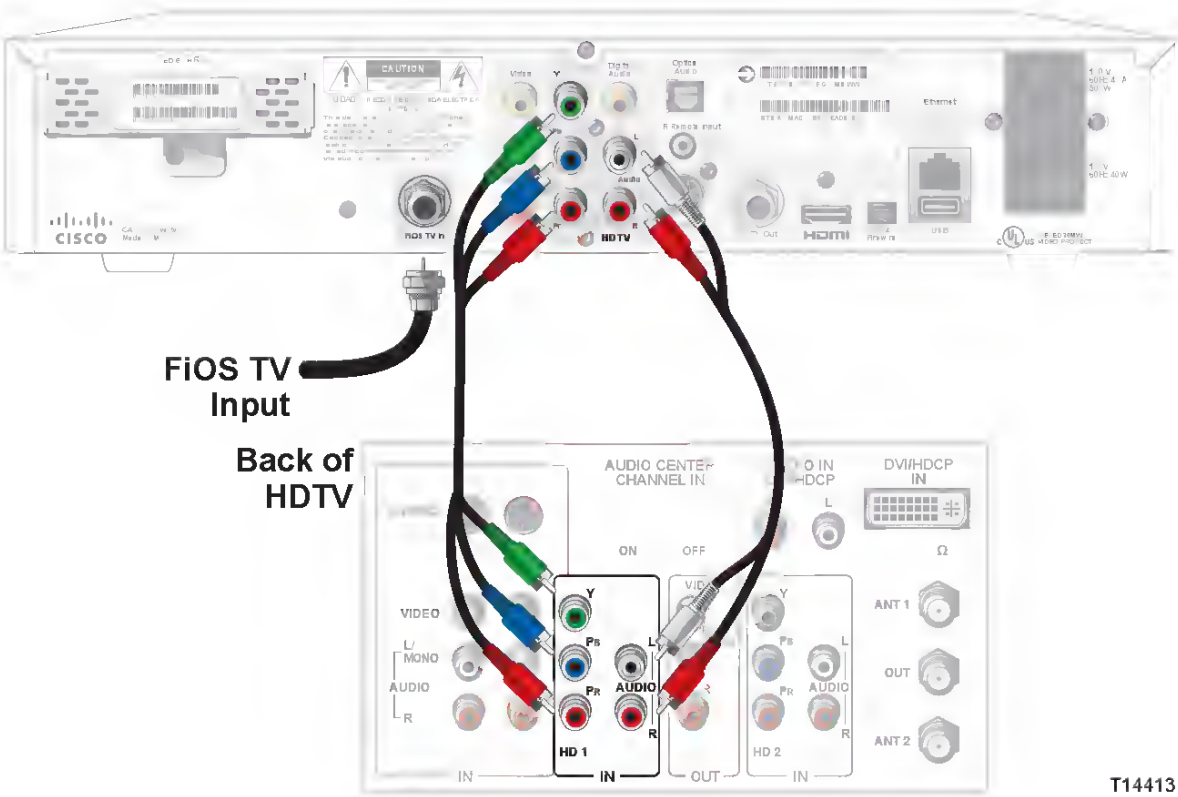
## Cables Used in this Configuration

- 1 Coaxial Cable
- 1 Component Video Cable (YPbPr)
- 1 Audio Left/Right Cable

**WARNING:**

**Electric shock hazard! Unplug all electronic devices before connecting or disconnecting any device cables to the set-top.**

### CHS 335HDC



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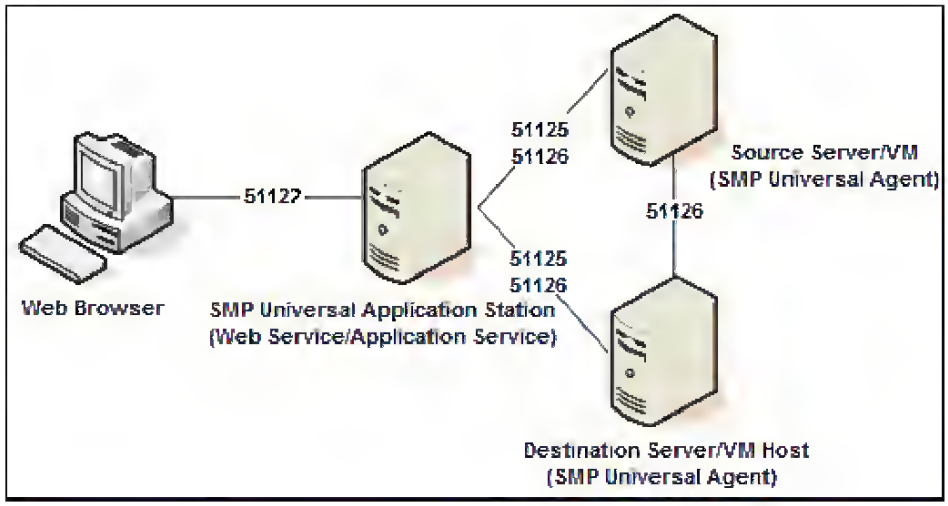


**NOTE:** SMP uses the following encryption types:

- SSL RSA with RC4 128 MD5
- SSL RSA with RC4 128 SHA
- TLS RSA with AES 128 CBC SHA cipher suites

## Antivirus software

For optimal performance during migration, verify that no antivirus scans are running or are scheduled to run while the migration is performed on the application station, source server, or virtual machine hosts.

## Dual-boot

In a dual-boot scenario, where one or more operating systems on the boot disk of the source server are not supported but the operating systems exist on a supported file system, keep in mind the following:

- A supported operating system must be set as the default operating system for the boot disk.
- The Migration Wizard enables the migration of all partitions with supported file systems. Unsupported operating systems on those partitions are also enabled for migration, but SMP does not support them.
- If unsupported operating systems are migrated, they might be detected, but proper drivers might not be installed, which can leave the unsupported operating system on the destination server unbootable.

## Resizing NTFS volumes for Windows migration

Under some conditions, SMP cannot resize New Technology File System (NTFS) partitions. Examples include the following:

- Large NTFS partitions, usually larger than 1 TB, or NTFS partitions with too many clusters, resulting in large volume cluster bitmaps that cannot be resized. In some cases, the volume might be recognized as RAW (partitions in which no file systems exist). Although SMP can perform migrations on these volumes, SMP cannot resize them.
- Volumes with bad clusters. If an NTFS volume is detected but cannot be resized, you must run a disk check (for example CHKDSK.exe) to verify the volume has no bad clusters before beginning the migration process. The migration of volumes with bad clusters is not supported by SMP and requires that you manually migrate volumes with bad clusters to the destination server after a migration.
- Resizing disks for agent-based P2V or V2V migrations cannot be performed using a Windows 2008 application station. The partitions can be resized only if they are migrated using a Windows 2003 application station.



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## Fast Warm Up S

Using the "Fast Warm Up" function, the empty oven can be preheated quickly.

**Important:** Please only place food for cooking in the oven when fast warm up is complete and the oven is operating in the required cooking function.

☞ **1.** Set the "Oven Function" selector to the symbol for fast warm up S.

**2.** Set the "Temperature" selector to the required temperature.
The temperature pilot light illuminates. Fast warm up commences.

**3.** As soon as the temperature pilot light goes out, set the "Oven Function" selector to the required oven function.

**4.** You can now place your food for cooking in the oven.



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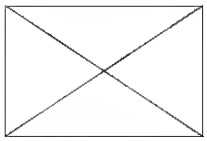
## Teletext. Pouze u některých modelů.

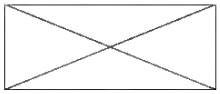
| Stiskn te: | Funkce: |
|---|---|
| **Vyvolání teletextu** | Vyvolání nebo opuštění teletextu. Objeví se obsah se seznamem rubrik, do kterých máte přístup. Pokud program teletext nevysílá, obrazovka zůstane tmavá. |
| **Volba stránky** | Zadání čísla požadované stránky (vždy tři číslice). Číslo se objeví vlevo nahoře, počitadlo hledá, a pak se zobrazí daná stránka. Pokud počitadlo nepřestává hledat, nebo když se objeví nápis *P?*., daná stránka neexistuje.<br>Volba předchozí nebo následující stránky. |
| **Zastavení listování podstránek.** | Některé stránky obsahují podstránky, které po sobě automaticky následují. Chcete-li zastavit nebo pokračovat v listování, stiskněte ⊟. |
| **Zv t ení stránky .** | Několikerým stisknutím zobrazíte horní část stránky, spodní část stránky, poté obnovíte normální rozměr. |
| **Skryté informace.** | Zobrazení nebo vymazání skrytých informací (hry, atd.). |

## Tla ítka televizoru

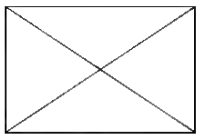


Televizor má 3 nebo 4 tlačítka (na některých modelech jsou umístěna pod dvířky).
**Verze se 3 tla ítky:** tlačítko **menu**, - a + k výběru programu a nastavování menu.
**Verze se 4 tla ítky:** tlačítka **VOLUME** - a +, tlačítka **PROGRAM** - a +.

## P ipojení jiných p ístrojů



Použijte konektoru pro přídavná zařízení na zadní straně. Chcete-li reprodukovat obraz z připojených přístrojů, stiskněte tlačítko ⓪ (na obrazovce se objeví AV ). Chcete-li připojit videorekordér, přečtěte si návod.



**Sluchátka:** (pouze u některých modelů)
Konektor pro p ipojení sluchátek se nachází na p ední stran televizoru

.

Jakmile jsou sluchátka připojena, zvuk televizoru se automaticky vypne.

## Doporu ení

**Instalace:** Na televizor nic nepokládejte, kolem přístroje nechte alespoň 5 cm volného prostoru, vyhnete se tak nebezpečným situacím a případným poruchám.

**Špatný nebo chyb jící obraz:** Zdvojený, či vícenásobný obraz, nebo stíny mohou být zapříčiněny blízkostí hor nebo vysokých budov. V takovém případě změňte nastavení antény. Připojili jste správně anténu?

**Pohotovostní poloha:** Chcete-li šetřit energii a chránit kvalitu obrazu (díky odmagnetizování katodové trubice), doporučuje se vypínat televizor tlačítkem zapnuto-vypnuto na přední straně televizoru.

**Pokyny pro recyklaci:** Baterie dodané s přístrojem neobsahují z ekologických důvodů ani rtuť ani niklkadmium. Použité baterie nevyhazujte, ale využijte možnosti recyklace (obraťte se na dodavatele).
Ve vašem televizoru je použito materiálu, který může být znovu použit nebo recyklován. Specializované podniky odebírají staré přístroje a shromažďují použitelný materiál, čímž se omezuje množství odpadu.

V případě poruchy se televizor nepokoušejte opravit sami, ale obraťte se na servisní službu.



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### RGB

- Press "RGB" for true-color optimization.

### Brightness

- Press "Brightness" to adjust the brightness of the image.

### Color

- Press "Color" to adjust the color temperature of image.

### Contrast

- Press "Contrast" to control the difference between the lightest and darkest parts of the picture.

### VGA

- Press "VGA" to change source to VGA-In connector. This connector supports Analog RGB.

### Component

- Press "Component" to change source to component connec tor. This connector supports YPbPr (480p/576p/720p/1080i) and YCbCr (480i/576i)

### Video

- Press "Video" to change source to Composite Video source.

### S-Video

- Press "S-Video" to change source to S-Video source.

### DVI

- Press "DVI" to change source to DVI connector. This connector supports Digital RGB, Analog RGB.

### HDMI

- Press "HDMI" to change source to HDMI. This connector can support to carry all standard and high-definition consumer electronics video formats.



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4. Click **NEXT**.
5. Click the **Have Disk** button.
6. Insert the disk labeled **Windows 95 and Windows NT** into the 3.5" floppy disk drive.
7. Click **OK**.
8. Select **ADTRAN Express XR or XRT** from the **Drivers** list.
9. Click **NEXT**.
10. Choose the COM port to which the Express XR/ XRT is attached from the list of available COM ports.
11. Click **NEXT**. The modem.INF file is now installed.
12. Continue the installation by providing country, area code, and outside line access information as prompted.
13. Click **NEXT**.
14. Click **Finish** to complete the modem installation process.
15. Select **Close**.
16. Go to the *Express Configuration Wizard Installation* section.

## Express Configuration Wizard Installation

The Express Configuration Wizard is a graphical user interface which allows you to configure and test the Express XR/ XRT with ease. Follow the installation procedure that applies to the operating system.

### Microsoft Windows 95 and Windows NT 4.0

1. From the **Start** button, choose **Settings**, then **Control Panel**, then double click **Add/Remove Programs**.
2. From the **Install/Uninstall** tab select the **Install** button.
3. Insert the disk labeled **Windows 95 and Windows NT**.
4. Click **NEXT**.
5. If the disk is found click **Finish**, otherwise use **Browse** to first locate the disk. The Express Configuration Wizard begins installation.
6. Follow the step-by-step screen instructions throughout the installation process. Three options are available for installation during the Express Configuration Wizard installation: Express Configuration Program, INF Files, and HyperACCESS Communications Software. Figure 2-3 illustrates the three options.



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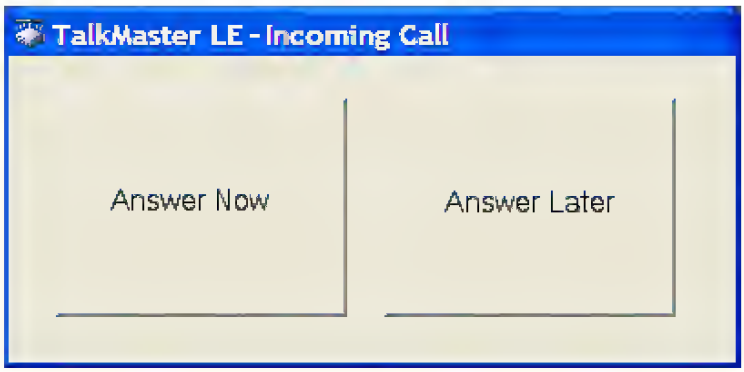
*An important benefit of using **Call Announcement** is that any other intercom is prevented from interrupting your "conversation" because the **Talk** or **Listen** button is always active TalkMaster will not interrupt a call if there is already one in progress Any other intercom that tries to contact TalkMaster will be placed in the **Calls Waiting list***

## Incoming Call

The Incoming Call dialog appears when the Activate Call Announcement option has been selected in menu Admin - Preferences - Options tab and the TalkMaster screen has been minimized




Clicking the Answer Now button with the mouse or pressing the Enter or Space Bar key brings up the main TalkMaster window

Clicking the Answer Later button with the mouse sends a message (i e "one moment please") message to the Intercom, closes the dialog and turns off the Visual and Audible Alerts This action allows the TalkMaster operator to complete another task before answering the incoming call If the call is not answered within 30 seconds, the Incoming Call dialog will open again and the Visual and Audible alerts will be triggered Clicking the TalkMaster Icon in the Windows Task Bar or System Tray restores the TalkMaster screen with the Intercom selected in the Intercom View / Custom View



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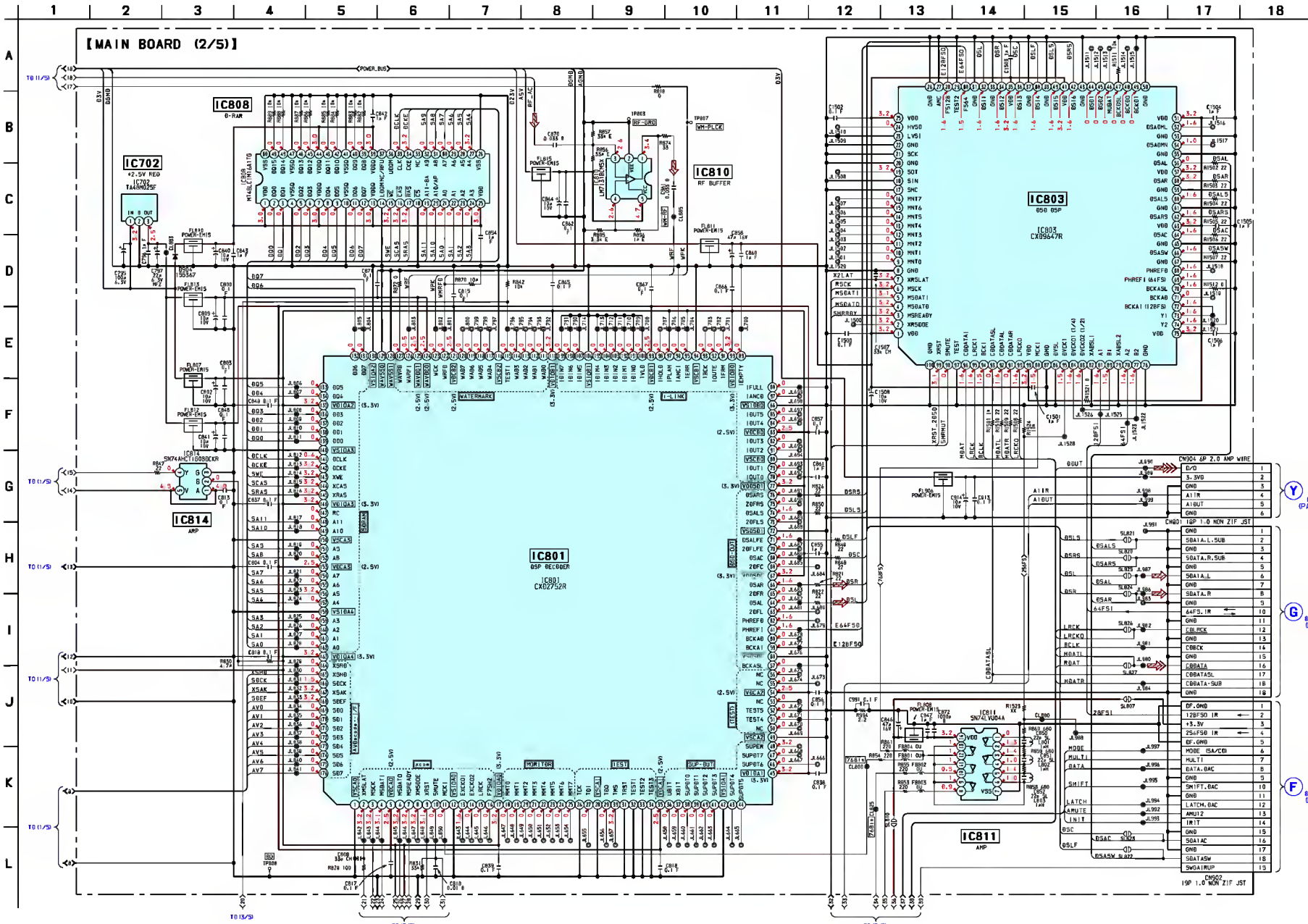
**4-7. SCHEMATIC DIAGRAM MAIN SECTION (2/5)** • Refer to page 40 for Waveforms. • Refer to page 41 for IC Block Diagrams. • Refer to page 46 for IC Pin Function.



**To lock or unlock one or more channels and connected devices**

1. In the **Auto Lock** menu, select **Lock program**.
2. Press ▶ to enter
3. Press ▲ or ▼ to select **channel lock.**
4. Press ▶ to lock or unlock the channel

**To set parental ratings**

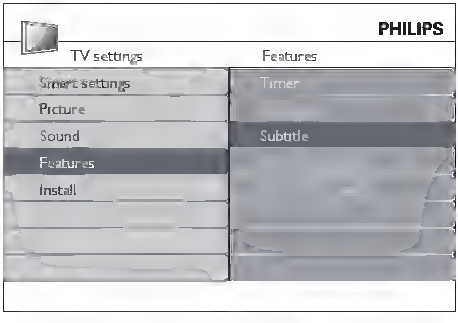
Some digital broadcasters rate their programmes according to age. You can set your TV to display only programmes with age ratings higher than your child's

1. In the **Auto Lock** menu, select **Parental rating**
2. Press ▶ to enter
3. Press ▲ or ▼ to select **age rating**
4. Select the age and Press **OK**
5. Press **Menu** to exit the menu.

## 5.8 Use subtitles

You can enable subtitles for each TV channel. Subtitles are broadcast via teletext or DVB-T digital broadcasts. With digital broadcasts, you have the additional option of selecting a preferred subtitle language.

1. Press **MENU** on the remote control and select **Features > Subtitle**.
2. Press ▶ to enter the list




3. Press ▲ or ▼ to select **On** to display subtitles always or **On during mute** to display subtitles only when the sound is muted with the 🔇 key on the remote control.
4. Press **OK** to return to the **Features** menu.

**Select a subtitle language on digital TV channels**

**Note**

When you select a subtitle language on a digital TV channel as described below, the preferred subtitle language set in the **Install** menu is temporarily overruled.

1. Press **MENU** on the remote control and select **Features > Subtitle Language**.
2. Press ▶ to enter the list of available languages.
3. Press ▲ or ▼ to select a subtitle language.
4. Press **OK**.

## 5.9 Listen to digital radio channels

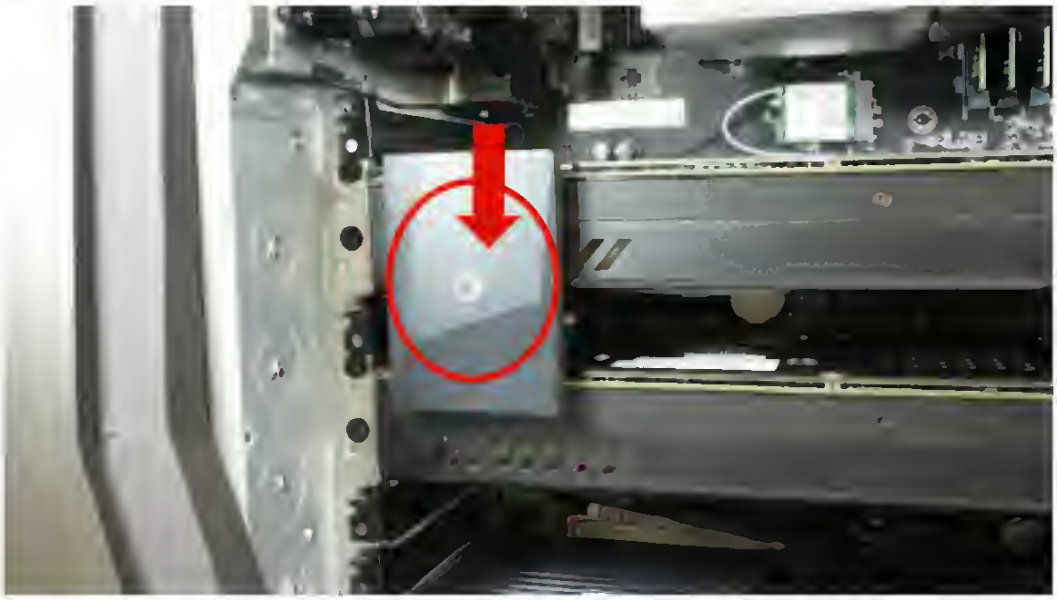
If digital broadcasting is available, digital radio channels are installed automatically during installation. To reorder the digital radio channels, see *Section 6.3 Rearrange the channels*.

1. Press **OK** on the remote control. The **All channels** menu is displayed.
2. Use the number keys to select a radio channel.
3. Press **OK**.

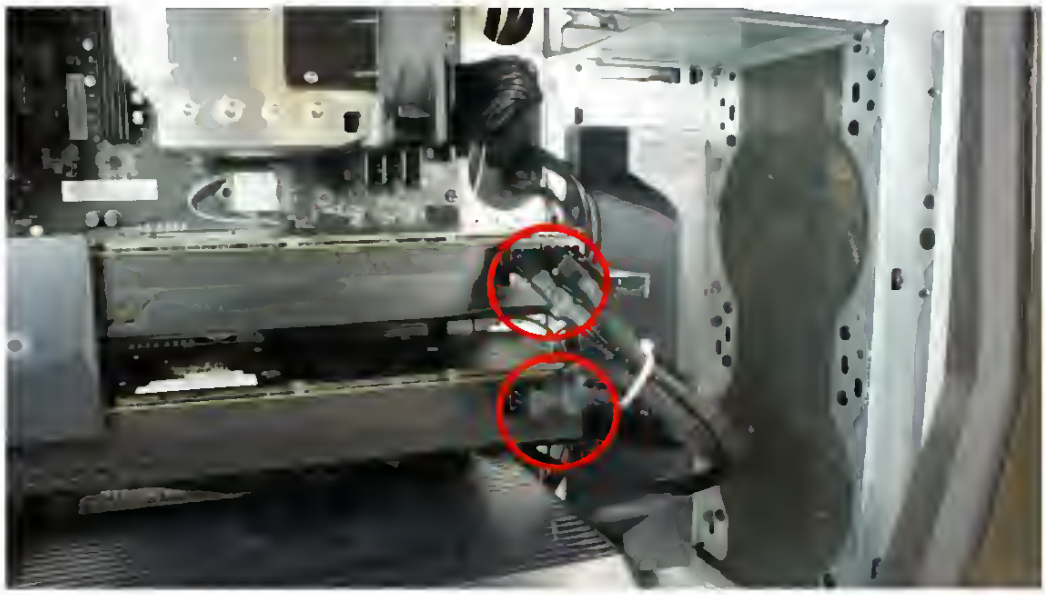
## 5.10 Update your TV software

Philips continuously tries to improve its products and we strongly recommend that you update the TV software when updates are available. Check www.philips.com/support for availability.

4. Connect the bridge from the graphic board.



5. Connect the power cables to the graphic board.



6. Observe the **Post-installation instructions on page 6**

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# Machine Disassembly

# Chapter 3

**This chapter contains step-by-step procedures on how to assemble the monitor for maintenance.**

## Disassembly Procedure

### The back view

## 5.9 Прийом цифрових радіоканалів

У разі наявності цифрового мовлення цифрові радіоканали встановлюються автоматично під час початкового встановлення телевізора. Щоб змінити порядок радіоканалів, перегляньте *Розділ 6.3 Упорядкування каналів*.

1. Натисніть кнопку **OK** на пульті дистанційного керування. З'явиться меню **All channels** .
2. Виберіть радіоканал, використовуючи кнопки з цифрами.
3. Натисніть **OK**.

## 5.10 Оновлення програмного забезпечення телевізора

Компанія Philips постійно вдосконалює свої вироби, тому ми рекомендуємо вам оновлювати програмне забезпечення вашого телевізора, коли такі оновлення з'являються. Перевірити наявність оновлень можна на веб-сайті www.philips.com/support.

### Перевірка поточної версії програмного забезпечення

1. Натисніть кнопку **MENU** на пульті дистанційного керування і виберіть **Install ▸ Current software info.**

### Оновлення програмного забезпечення (для цифрового мовлення)

У разі використання технології цифрового мовлення (DVB-T) ваш телевізор отримує оновлення програмного забезпечення автоматично. Якщо на екрані з'явилося повідомлення з проханням дозволити оновлення програмного забезпечення, виконайте такі дії:

- щоб оновити програмне забезпечення негайно, виберіть варіант **Now** (рекомендовано);
- щоб оновити програмне забезпечення пізніше, отримавши відповідне нагадування, виберіть варіант **Later**;
- якщо ви не бажаєте оновлювати програмне забезпечення, виберіть варіант **Cancel** (не рекомендується).



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## List of menus

| Setting sound (page) | Menu 1 → | Menu 2 → | Menu 3 |
|---|---|---|---|
| Adjusting sound quality (21) | SOUND | ● OFF<br>SOFT<br>ACTIVE<br>HEAVY<br>CUSTOM | — |

| Setting various functions (page) | Menu 1 → | Menu 2 → | Menu 3 |
|---|---|---|---|
| Protecting against sound skipping (22) | OPTION | EASS GP*1 | ● EASS GP 1<br>EASS GP 2 |
| Protecting your hearing (22) | OPTION | AVLS | ON<br>● OFF |
| Stopping playback automatically (23) | OPTION | TIMER | 10 min*2<br>● OFF |
| Turning off the beep sound (24) | OPTION | BEEP | ● ON<br>OFF |
| Playing tracks continuously (24) | OPTION | SEAMLESS*1 *3 | ON<br>● OFF |

*1 You can make these settings while play is stopped
*2 Default setting If you have changed the setting, the length of time already set appears
*3 For ATRAC CD only

**For Specific Video Studio software questions:**

Check the Ulead web site:
www.ulead.com

E-mail Ulead for help:
http://www.ulead.com.tw/ulead/suppform.cfm

Call Ulead for help:
**1-310-896-6391**

**For PYRO Hardware questions:**

Check the ADS web site:
www.adstech.com

E-mail ADS for help:
support@adstech.com

Call ADS for help:
**1-562-926-4338**

Support Hours:
**M-F 8:00 AM – 5:00 PM PST**



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English

- Liquid was spilled into the product.
- The product was exposed to rain or water.
- The product has been dropped or the case has been damaged.
- The product exhibits a distinct change in performance, indicating a need for service.
- The product does not operate normally after following the operating instructions.

**Note:** Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

# Radio frequency interference

**Warning! For safety reasons, turn off all wireless or radio transmitting devices when using your laptop under the following conditions. These devices may include, but are not limited to: wireless LAN (WLAN), Bluetooth and/or 3G.**

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF (Radio Frequency) exposure guidelines when used normally. It should not contain metal and you should position the device the above-stated distance from your body. To successfully transmit data files or messages, this device requires a good quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure that the above separation distance instructions are followed until the transmission is completed. Parts of the device are magnetic. Metallic materials may be attracted to the device, and persons with hearing aids should not hold the device to the ear with the hearing aid. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

# Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to

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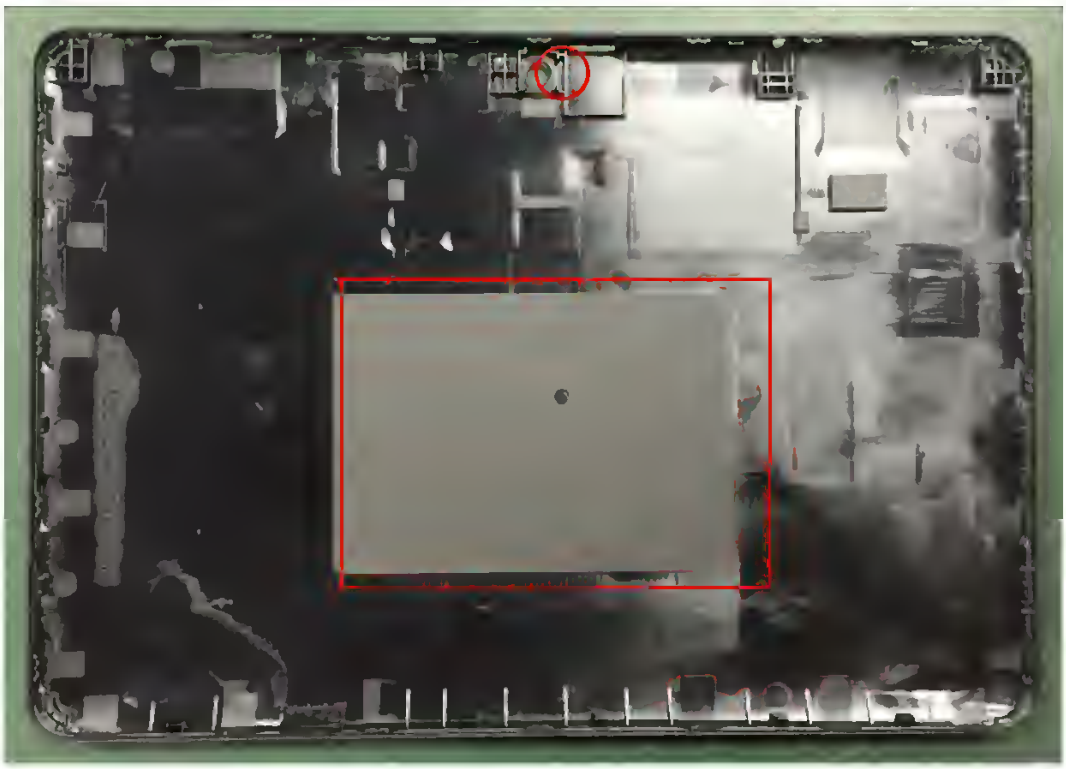
Remark: The disassembly part is the defined rear cover module, including rear cover, rear camera lens and cooling membrane.



(2) Disassemble the LINK FPC.

Firstly, tear off the yellow mylar on LCM connector.

## Scan Mode box

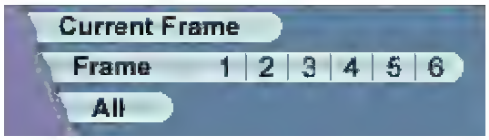
The **Scan Mode** box provides three scan modes:

**High Speed**
You can increase the scan speed of your scanner in High Speed mode. Image quality may however, deteriorate in this mode.

**High Quality 24**
This mode is recommended if your application software supports only up to 24-bit color processing. In High Quality 24 mode, the scanner will receive 24 bits of information per pixel during its scan.

**High Quality 36**
In this mode, the scanner will receive 36 bits of information per pixel during its scan. In High Quality 36 mode, the image that you scan will be of the highest quality. It will however, take more time for the scanner to process the image data.

## Film Selection Area




In addition to the **Image Thumbnail Area**, you can also select the image you want to scan in the **Film Selection Area**.

**Current Frame**
Click to select the current frame for scanning.

**Frame**
You can click the number of the frame you want to scan. You can select multiple frames and the film scanner will scan all the images you selected. MiraPhoto will display the frame(s) selected in green.

**All**
Click to select all the images in the **Image Thumbnail Area** for scanning.



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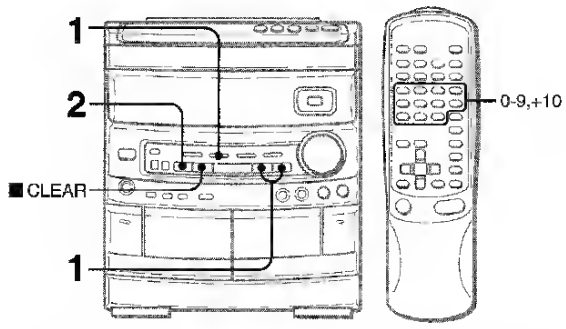
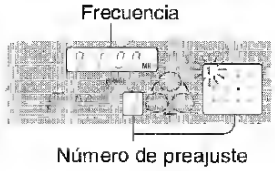
# PREAJUSTE DE EMISORAS




Esta unidad puede almacenar un total de 32 emisoras. Cuando almacene una emisora, a esa emisora se le asignará un número de preajuste. Utilice el número de preajuste para sintonizar directamente una emisora preajustada.

*1* **Pulse el botón TUNER/BAND para seleccionar una banda, y pulse el botón |◀◀ DOWN o ▶▶| UP para seleccionar una emisora.**

*2* **Pulse el botón ▮▮ SET para almacenar la emisora.**
A las emisoras de cada banda se les asigna un número de preajuste en orden consecutivo empezando por el 1.




*3* **Repita los pasos 1 y 2.**
Si ya se ha almacenado un total de 32 emisoras de preajuste de todas las bandas no podrán almacenarse más emisoras.

## SINTONIZACION MEDIANTE NUMERO DE PREAJUSTE

Utilice el control remoto para seleccionar directamente el número de preajuste.

*1* **Pulse el botón TUNER/BAND para seleccionar una banda.**

*2* **Pulse los botones numéricos para seleccionar un número de preajuste.**
Ejemplo
Para seleccionar el número de preajuste 25, pulse los botones +10, +10 y 5
Para seleccionar al número de praajuste 10, pulse los botones +10 y 0.

**Selección de un número de preajuste en la unidad principal**
Pulse el boton TUNER/BAND para seleccionar una banda. Luego, pulse repetidamente el botón ◀▶ DIRECTION/ PRESET.
Cada vez que pulse el boton se seleccionara el siguiente número más alto.

**Para borrar una emisora preajustada**
Seleccione el número da praajuste de la emisora que vaya a borrar. Luego, pulse el botón ■ CLEAR y el botón ▮▮ SET antes de que pasen 4 segundos.
Los números de preajuste superiores de todas las demás emisoras de la banda disminuiran tambien en uno.





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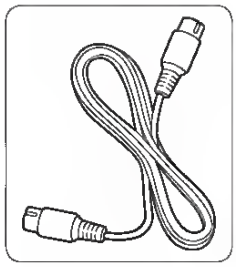
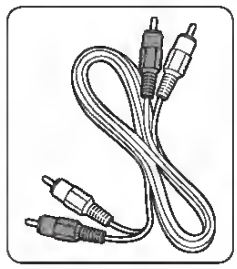
SCART не підтримує відео високої чіткості та є аналоговим. На телевізорі є один роз'єм SCART: EXT 1.

### S-Video – Добра якість ★★

Аналогове з'єднання S-Video забезпечує кращу якість зображення, ніж композитне відеоз'єднання. Під'єднуючи пристрій з інтерфейсом S-Video, вставте кабель S-Video у роз'єм S-Video, що знаходиться збоку на телевізорі. Слід окремо підключити стереофонічний аудіокабель Audio L/R від пристрою до червоного та білого аудіо роз'ємів Audio L/R, які знаходяться на бічній панелі телевізора.

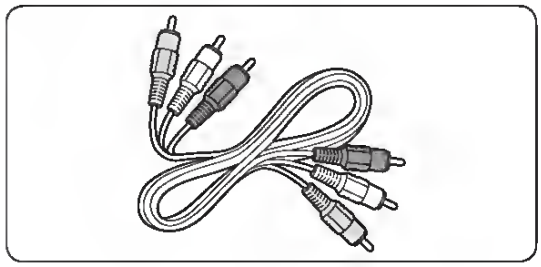




- Кабель S-Video
- Кабель Audio L/R – червоний, білий

### Композитний – Базова якість ★

Композитне відео забезпечує базове аналогове з'єднання, зазвичай поєднуючи (жовтий) відеокабель Cinch з (червоним та білим) кабелем Audio L/R Cinch. Під час під'єднання до композитних входів Video та Audio L/R на бічній панелі телевізора дотримуйтесь відповідності кольорам кабелів. Композитний аудіовідеокабель – жовтий, червоний та білий.







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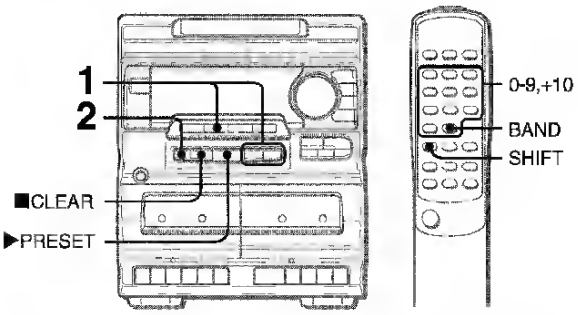
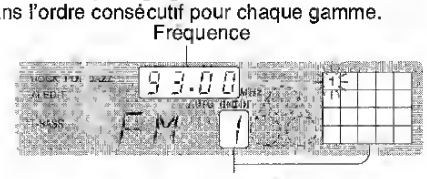
# MEMORISATION DE STATIONS

L'appareil peut mémoriser un total de 32 stations. Quand une station est mémorisée, un numéro de préréglage lui est affecté. Pour accorder l'appareil directement sur une station mémorisée, utiliser le numéro de préreglage correspondant.




*1* **Appuyer sur la touche TUNER/BAND pour sélectionner une gamme, puis appuyer aur la touche I◀◀ DOWN ou ▶▶I UP pour sélectionner une station.**

*2* **Appuyer sur la touche II SET pour mémoriser la station.**
Un numéro de préréglage est affecté à une station à partir de 1 dans l'ordre consécutif pour chaque gamme.




*3* **Répéter les étapes 1 et 2.**
Si 32 stations sont déjà mémorisées pour toutes les gammes, la station suivante ne sera pas mémorisée

## ACCORD SUR UNE STATION MEMORISEE

Utiliser la télécommande pour selectionner le numéro de préréglage directement.

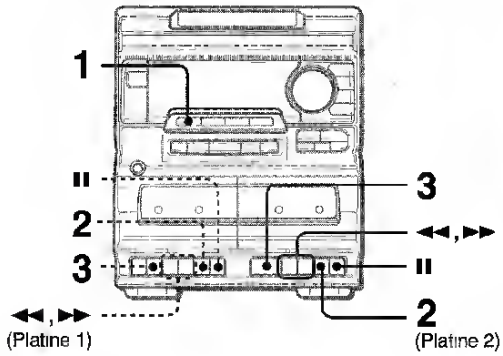
*1* **Appuyer sur la touche BAND tout en appuyant sur la touche SHIFT pour séléctionner une gamme.**

*2* **A l'aide des touches numériques, sélectionner un numéro de préréglage.**
Exemple.
Pour sélectionner le numéro de préréglage 25, appuyer sur les touches +10, +10 et 5
Pour sélectionner le numéro de préréglage 10, appuyer sur les touches +10 et 0

**Sélection d'un numéro de préréglage sur l'appareil principal**
Appuyer sur la touche TUNER/BAND pour sélectionner une gamme Ensuite, appuyer sur la touche ▶ PRESET à plusieurs reprises
A chaque pression sur la touche le numéro de préréglage suivant ou precedent le plus proche est sélectionné

**Suppression d'une station mémorisée**
Sélectionner le numéro de préréglage de la station à supprimer Ensuite, appuyer sur la touche ■ CLEAR puis appuyer sur la touche II SET dans les quatre secondes qui suivent
Les numeros de préreglage de toutes les autres stations suivantes de la gamme sont aussi diminués d'une unité

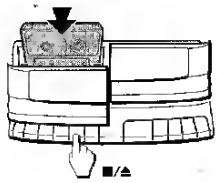
# OPERATIONS DE BASE




**Cassettes utilisables**
N'utiliser que des cassettes normales (type I).

*1* **Appuyer sur la touche TAPE.**

*2* **Appuyer sur la touche ■/≜ pour ouvrir le porte-cassette puis insérer une cassette avec le côté exposé du ruban magnétique en bas. Pousser le porte-cassette pour le fermer.**

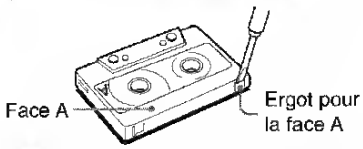



*3* **Appuyer sur la touche ▶ pour démarrer la lecture.**
Seule la tace orientée vers l'extérieur peut être lue

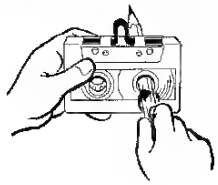
**Pour arrâter la lecture,** appuyer sur la touche ■/≜.
**Pour mettre en pause,** appuyer sur la touche II
Pour reprendre la lecture, appuyer de nouveau sur cette touche
**Pour obtenir une avance rapide ou un rebobinage,** pendant le mode arrêt, appuyer sur la touche ◀◀ ou ▶▶, puis appuyer sur la touche ■/≜ pour arrêter le bobinage.

**Quand les platines 1 et 2 sont mises en lecture,** le son de la platine 2 est entendu

**Au sujet des cassettes**
- **Pour éviter un effacement accidentel,** utiliser un tournevis ou tout autre objet effilé pour casser les ergots en plastique de la cassette après l'enregistrement




Pour enregistrer de nouveau sur une cassette, recouvnr les cavites des ergots avec du ruban adhesif ou autre.
- **Le ruban magnétique des cassettea de 120 minutes ou plus** est extrêmement fin et se détorme et s'endommage facilement Ces cassettes ne sont pas recommandées.
- **Tendre le ruban magnétique** avec un crayon ou un objet similaire avant d'utiliser une cassette Un ruban magnétique detendu peut se rompre ou s'emmêler dans le mécanisme



F



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### Basic command

```
LOCATE
```

### Command options

TIME=*xxx*—(optional) the length of time to flash the LEDs, where *xxx* represents the number of seconds.

ALL—all drives connected to the MSA storage sub-system will be flashed.

BOX—the number of the storage enclosure whose disks you want to flash.

1=the MSA drive shelf
2=the storage enclosure attached to SCSI port A
3=the storage enclosure attached to SCSI port B

BUS—the number of the bus whose disks you want to flash.

UNIT—the number of the LUN whose disks you want to flash.

DISKxxx-DISKyyy—a range of drives to flash. Disks are identified by box number and bay number.

DISKzzz—a specific drive to flash. Disks are identified by box number and bay number.

## Locating all drives attached to the MSA

To flash the LEDs of all drives attached to the MSA:

### Example command

```
CLI> LOCATE ALL
```

## Locating all drives in a specific storage enclosure

To flash the LEDs of all drives in the MSA drive shelf or additional storage enclosures:

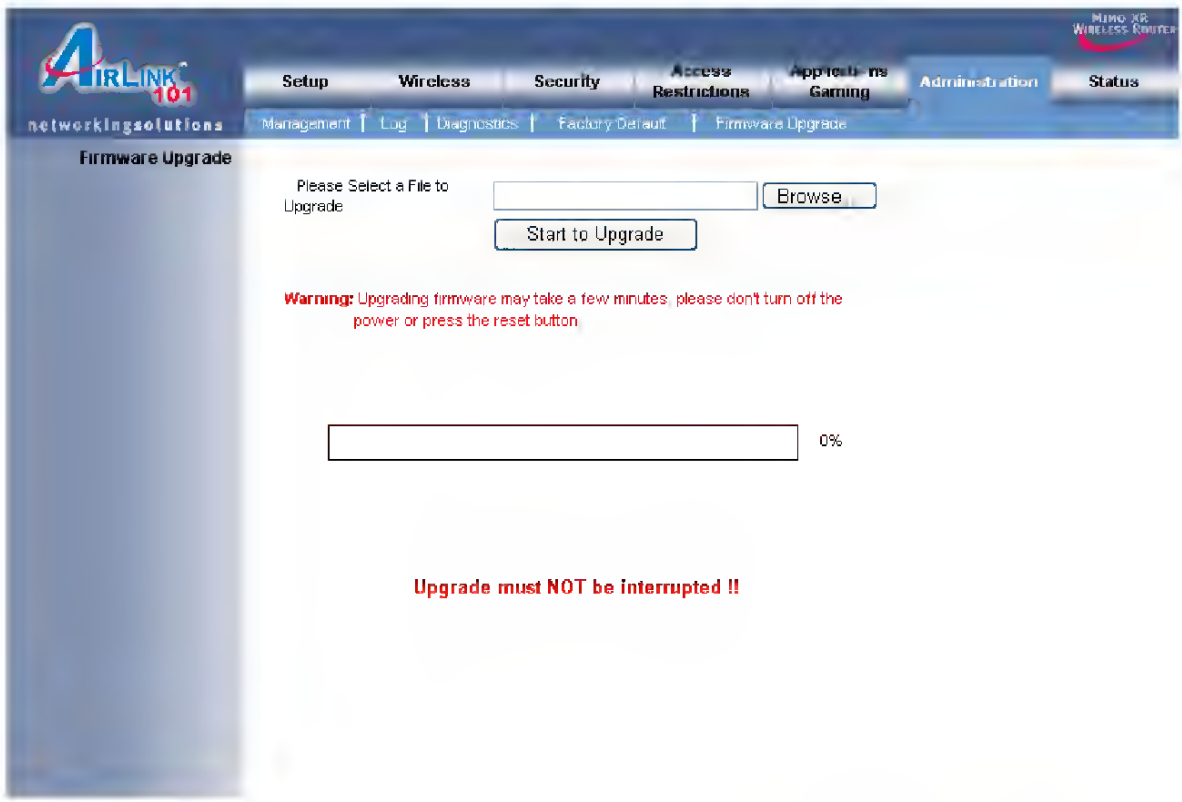
### Example command

```
CLI> LOCATE BOX 3
```

BOX 3—the drives in the storage enclosure attached to SCSI port B will be flashed.

### *6.6.5 Firmware Upgrade*

The Firmware Upgrade screen allows you to upgrade the router's firmware.




You must download and unzip the new firmware first from www.airlink101.com

Click on **Browse** to browse to the new firmware, and click **Start to Upgrade**.



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Interface Cards (NIC) and cabling. DCNT supports NetBEUI, TCP/IP, and IPX/SPX network protocols. MSCS supports the TCP/IP network protocol.

- **Storage Options**

  A variety of options are available for the StorageWorks RAID Arrays. For example, the RA450 supports a redundant HSZ50 controller, which requires additional controller software, optional cache battery packaging, additional power supplies, and spare EMUs. These options must be purchased separately. The only exceptions are the required rackmount mounting options, which are included in the rackmount kits.

  For information on storage options, see www.storage.digital.com or the *RAID Options* or *Order Worksheet* sections.

## Expansion Cabinets

Additional storage capacity can be added to the same SCSI bus through the expansion cabinets listed in the following table. Please note the requirements.

| Storage | Original Part Number | Description |
|---|---|---|
| BA356 pedestal | FR-BA356-PA | BA356 Pedestal Expansion Cabinet<br>The FR-BA356-PA is already configured with dual channel Personality Module and the terminator (BA35X-ME) for a split bus configuration. There is another jumper (BA35X-MF) for those that want to go back to a single bus.<br>**Requires**: another cabinet, a VHDCI to VHDCI cable (BN38C-nn) of the appropriate length (Compaq offers 2M and 5M), and a tri-link connector (H8861-AA) from StorageWorks, a BA356 Pedestal Cluster Kit (FR-CK356-UP) |
| BA356 rackmount | FR-BA356-PD | BA356 Rackmount Expansion Cabinet<br>Requires another cabinet, a VHDCI to VHDCI cable (BN38C-nn) of the appropriate length (Compaq offers 2M and 5M), and a tri-link connector (H8861-AA) from StorageWorks<br>**Requires**: BA356 Rackmount Cluster Kit (FR-CK356-UR) |
| RA7000 pedestal | DS-SWXRA-HB | RA7000 Pedestal Disk Expansion Cabinet<br>**Includes**: 24 additional disk slots, 5 power supplies, redundant cooling, EMU & PVA, power cable<br>**Requires**: one DS-BNK37-1E expansion cable kit, RA7000 Pedestal Cluster Kit (FR-CK700-UP) |
| RA7000 rackmount | DS-BA370-AA | RA7000 Rackmount Disk Expansion Cabinet<br>**Includes**: 24 additional disk slots, 5 power supplies, redundant cooling, EMU & PVA, power cable<br>**Requires**: one DS-BNK37-1E expansion cable kit, RA7000 Rackmount Cluster Kit (FR-CK700-UR) |
| RA3000 pedestal | DS-SWXRA-GD | RA3000 Expansion pedestal<br>**Includes**: 120/240 V, with space for an additional 7 Ultra-SCSI disk |



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# ACERCLOUD SETUP

AcerCloud is a personal cloud service that allows you to access your files over the internet, and make sure your most important files are always up to date. With your personal cloud all your devices (PC, tablet, phone) with AcerCloud installed can access files on your main Cloud PC. Open the *Application menu* and tap **AcerCloud**.

For more information please visit the AcerCloud website: **www.acer.com/acercloud**

**Note**

*To access files on other devices, your Cloud PC must be on and connected to the internet. If your PC has Always Connect, your PC may be in Sleep mode, but must be connected to a power supply (not battery power).*

## AcerCloud setup for Windows

To install AcerCloud on a PC without AcerCloud, you can download the AcerCloud setup program from the AcerCloud website (**https://**

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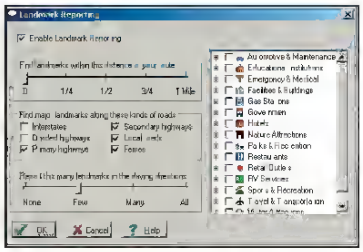
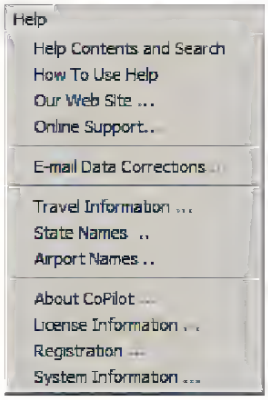
## Landmark Reporting

Select *Landmark Reporting* from the drop-down **Trip** menu



In this window you can control how many Landmarks CoPilot points out when generating driving directions

## Help Menu

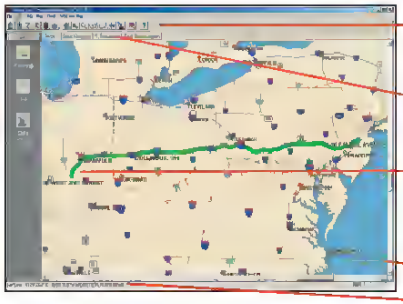



Use the drop-down **Help** menu to access CoPilot Help for assistance with all aspects of the software and to quickly access ALK's web site.

# Reference: CoPilot on Your Desktop

The following is a guide to the main screens you will see as you use CoPilot on your desktop/laptop computer for trip planning

## Map Window



Menus and toolbar buttons to access all of CoPilot's desktop features

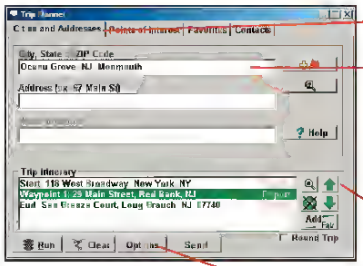
Click on a tab to frame any stop on your route

Map of area around your destination. **Zoom in and move your cursor over a street to view its name.**

Distance Scale

Latitude/longitude position of your cursor on the map

## Trip Planner Window (Cities & Addresses)



Click **Cities and Addresses**

**Enter city name/state, or ZIP code.** Enter an address (optional), with the option to add a **Name** to it. Click the **Add Stop** button to add the stop to the Itinerary

Move stops up or down on your *Itinerary*, zoom to stop location on the map, delete a stop, or add a favorite

See p 26 for routing options.



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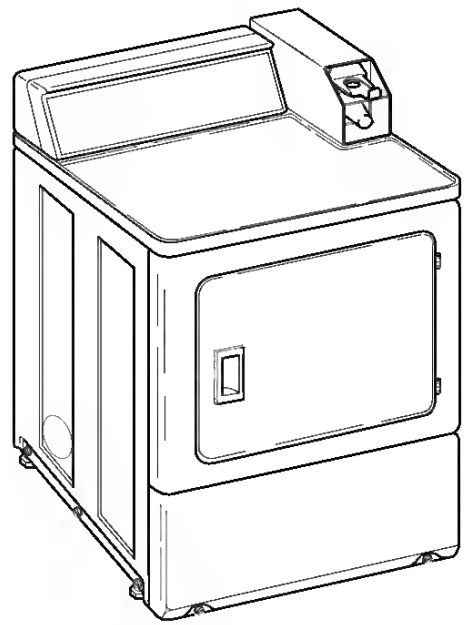
# Sécheuses commerciales individuels payantes ou non payantes

(modèles électriques et à gaz)



**CONSERVER CES INSTRUCTIONS POUR REFERENCE FUTURE.**
**(Si la sécheuse change de propriétaire, veillez à ce que ce manuel accompagne la sécheuse.)**

**D'installation et de fonctionnement**

Alliance Laundry Systems

Réf. n° 504523R3
Novembre 1998

# 7 Regulatory Information

## *Declaration of Conformity*

| | | |
|---|---|---|
| **Application of Council Directives:** | 73/23/EEC (including amendments) | |
| | 89/336/EEC (including amendments) | |
| | 1999/5/EC Annex-II of the Directive | |
| **Standards to which Conformity is Declared:** | EN55022: 1998 + A1: 2000 + A2: 2003 | |
| | EN55024:1998 + A1: 2001 + A2: 2003 | |
| | EN61000-3-2: 2000 + A2: 2005 | |
| | EN61000-3-3: 1995 + A1: 2001 | |
| | EN60950-1: 2001 | |
| **Manufacturer's Name:** | AudioCodes Ltd | |
| **Manufacturer's Address:** | 1 Hayarden Street, Airport City, Lod 70151, Israel | |
| **Type of Equipment:** | Analog VoIP System | |
| **Model Numbers:** | **MP-11x/FXS+FXO Mixed Series:** | MP-114/ 2FXS/2FXO, MP-118/ 4FXS/4FXO |
| | **MP-11x/FXO Series:** | MP-112/ 2FXO, MP-114/ 4FXO, MP-118/ 8FXO |

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directives and Standards

| | | |
|---|---|---|
| | 27th June, 2006 | Airport City, Lod, Israel |
| *Signature* | *Date (Day/Month/Year)* | *Location* |

I. Zusmanovich, Compliance Engineering Manager

| | |
|---|---|
| Czech | [AudioCodes Ltd] tímto prohlašuje, že tento [MP-11x/FXO] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES |
| Danish | Undertegnede [AudioCodes Ltd] erklærer herved, at følgende udstyr [MP-11x/FXO] overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF |
| Dutch | Hierbij verklaart [AudioCodes Ltd] dat het toestel [MP-11x/FXO] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG |
| English | Hereby, [AudioCodes Ltd], declares that this this [MP-11x/FXO] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC |
| Estonian | Käesolevaga kinnitab [AudioCodes Ltd] seadme [MP-11x/FXO] vastavust direktiivi 1999/5/EÜ pohinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele |
| Finnish | [AudioCodes Ltd] vakuuttaa täten että [MP-11x/FXO] tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen |
| French | Par la présente [AudioCodes Ltd] déclare que l'appareil [MP-11x/FXO] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE |
| German | Hiermit erklärt [AudioCodes Ltd], dass sich dieser/diese/dieses [MP-11x/FXO] in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet" (BMWi) |
| Greek | ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ [AudioCodes Ltd] ΔΗΛΩΝΕΙ ΟΤΙ [MP-11x/FXO] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ |
| Hungarian | Alulírott [AudioCodes Ltd] nyilatkozom, hogy a [MP-11x/FXO] megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak |
| Icelandic | ækt þetta er í samræmi við tilskipun Evrópusambandsins 1999/5 |
| Italian | Con la presente [AudioCodes Ltd] dichiara che questo [MP-11x/FXO] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE |
| Latvian | Ar šo [AudioCodes Ltd] deklarē, ka [MP-11x/FXO] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem |
| Lithuanian | [AudioCodes Ltd] deklaruoja, kad irenginys [MP-11x/FXO] tenkina 1999/5/EB Direktyvos esminius reikalavimus ir kitas sios direktyvos nuostatas |
| Maltese | Hawnhekk, [AudioCodes Ltd], jiddikjara li dan [MP-11x/FXO] jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 1999/5/EC |
| Norwegian | Dette produktet er i samhørighet med det Europeiske Direktiv 1999/5 |
| Polish | [AudioCodes Ltd], deklarujemy z pełną odpowiedzialnością, że wyrób [MP-11x/FXO] spełnia podstawowe wymagania i odpowiada warunkom zawartym w dyrektywie 1999/5/EC |
| Portuguese | [AudioCodes Ltd] declara que este [MP-11x/FXO] está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE |
| Slovak | [AudioCodes Ltd] týmto vyhlasuje, že [MP-11x/FXO] spĺňa základne požiadavky a všetky príslušne ustanovenia Smernice 1999/5/ES |
| Slovene | Šiuo [AudioCodes Ltd] deklaruoja, kad šis [MP-11x/FXO] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas |
| Spanish | Por medio de la presente [AudioCodes Ltd] declara que el [MP-11x/FXO] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE |
| Swedish | Härmed intygar [AudioCodes Ltd] att denna [MP-11x/FXO] står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG |



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## 4.3 ISA Bus Expansion Chassis Configuration

The ISA bus expansion chassis provides a flexible capacity for adding voice modules of varying types based on products from Dialogic. See Section 1.4 for a complete list of available ISA bus expansion options.

Once the Dialogic voice modules are physically installed, you need to configure them by running the ECU from the IP Platform console terminal. Use the ECU to register the modules with the system hardware, and to reserve the addresses and interrupt request levels (IRQs) that are to be used by the modules. The ECU attempts to identify and resolve resource conflicts. The ECU may also be used to determine unused I/O ports, shared memory address, and IRQs.

In addition to the Dialogic voice modules, other components within the ISA bus expansion chassis include the:

- Fan
- Power supply
- Alarm sensor module
- Access I/O transceiver (AT bus expansion kit)

For a complete description of installing and configuring the voice-option modules, refer to the Dialogic documentation shipped with the option.

For a complete description of removing and replacing the fan or power supply, refer to the *I-Bus 4820 User Manual* that is shipped with your system.

Refer to Section 4.3.1 and Section 4.3.2 for complete descriptions of removing and replacing the alarm sensor module and the AT bus expansion kit.

### 4.3.1 Removing and Replacing the Alarm Sensor Module

The alarm sensor module is mounted in the drive bay area of the ISA bus expansion chassis. The 2T-IPSEN-AA alarm sensor module kit consists of an alarm sensor module, a cable to connect the alarm sensor module to the rear bulkhead, and a cable to connect the rear bulkhead to the alarm control module in the *AlphaServer* 1000A.

Perform the following procedure to remove the alarm sensor module:

1. Remove power from the ISA bus expansion chassis by pressing the On/Off switch on the front of the ISA bus expansion chassis.
2. Remove the screws that secure the ISA bus expansion chassis to the front rails and extend the ISA bus expansion chassis on the slides.
3. Remove the screws that secure the top cover and remove the top cover from the ISA bus expansion chassis.
4. Disconnect the 6-pin bulkhead cable, the 4-pin power supply cable, and the 2-pin temperature sensor cable from the alarm sensor module.
5. Remove the four screws that secure the alarm sensor module to the standoffs and remove the alarm sensor module.

To replace the alarm sensor module, reverse steps 1 through 5 of the removal procedure.



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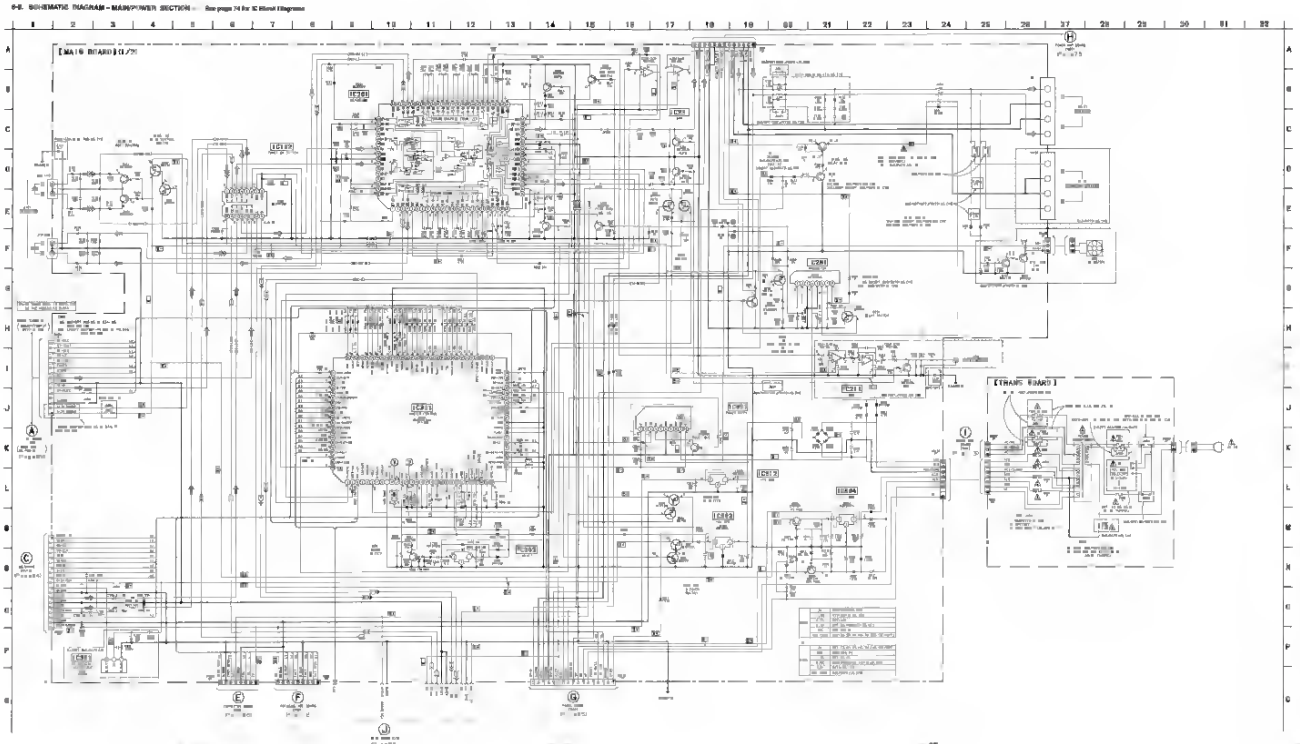
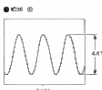
6-6. SCHEMATIC DIAGRAM – MAIN/POWER SECTION – See page 74 for IC Block Diagrams



Note on Schematic Diagram:
All capacitors are in µF unless otherwise noted. pF: µµF
50 WV or less are non-polarized unless otherwise specified.
All resistors are in Ω and ¼ W or less unless otherwise specified.
Mounted component.
Non-flammable resistor
Fusible resistor

Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Waveforms
Voltages and waveforms are dc with respect to ground under no signal (detuned) conditions.
no mark : PB
CD
RADIO RECTA (S)
RADIO RECTA (A)
Impossible to measure
Voltages are taken with a VOM (Input impedance 10 MΩ).
Voltage variations may be noted due to normal production tolerances.
Circled numbers refer to Waveforms.
Signal path
PB
FM (RECT A)
RADIO RECTA (S)
CD
VCD1

Abbreviations
AR2W AC Area for AR2 model
AUS Australian model
CHN Canadian model
EA2 220-240 V AC Area for Saudi Arabia model
EA4 220V AC Area for Saudi Arabia model
EE Eastern European model
TO 220 V AC Area for 1 model
E3 240 V AC Area for 1 model
E Oceanian model
HK Hong Kong model
MA Malaysian model
MY Mexican model
SAF South African model
SP Singapore model
TH Thailand model
TW Taiwan model



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# LED & Alarm Definition Listing

## LED Messages

| Message | Lamp LED | Temp LED | Power LED | |
|---|---|---|---|---|
| | Red | Red | Red | Blue |
| Standby (power cord plugged in) | -- | -- | V | -- |
| Power button ON | -- | -- | -- | V |
| Lamp retry | -- | -- | -- | Quick flashing |
| Turning off (cooling state) | -- | -- | Quick flashing | -- |
| Turning off (cooling completed) | -- | -- | V | -- |
| Error (thermal failure) | -- | V | -- | V |
| Error (fan lock failure) | -- | Quick flashing | -- | V |
| Error (lamp breakdown) | V | -- | -- | V |
| Error (color Wheel fail) | Quick flashing | -- | -- | V |

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# 8. SPEAKER NO AUDIO

**Speaker no audio.**

## 8-1. AMP IC (IC700 ~ IC702, IC800 ~ IC802)

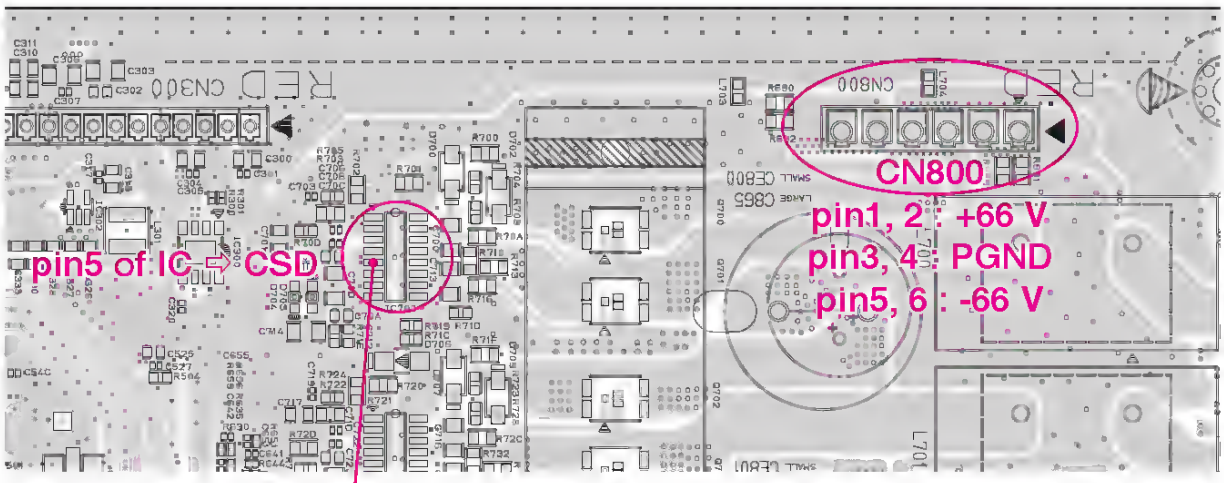
### 8-1-1. Solution

Replace IC700 ~ IC702, IC800 ~ IC802 on MAIN board.

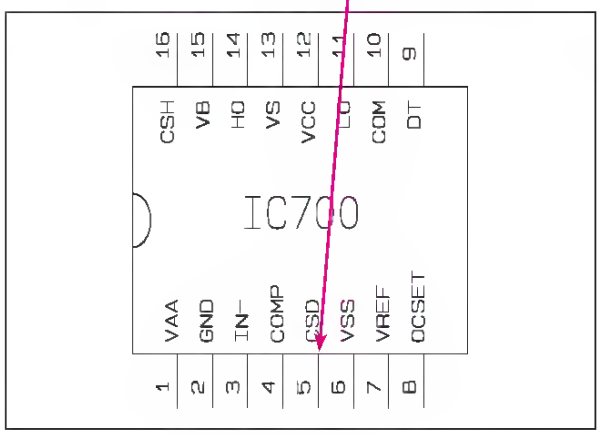
### 8-1-2. How to troubleshoot (Countermeasure)

1) Check supply voltage of AMP(CN800) & PWM signal
   Normal supply voltage and signal ➡ Check AMP IC
   Poor supply voltage ➡ Check SMPS assy
   Poor signal ➡ Check PWM IC
2) Check CSD of FET driver IC (IRS2092 : EAN60778301)
   CSD has about 5 V on normal state.
   When AMP has problem, CSD is LOW state or keep change LOW to HIGH

### 8-1-3. Service hint (Any picture/ Remark)




< MAIN board top view >




< AMP IC >

< AMP IC >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GRUNDIG

# Ersatzteilliste
# Spare Parts List

TV

## 05 / 97

## CUC 2030 NICAM

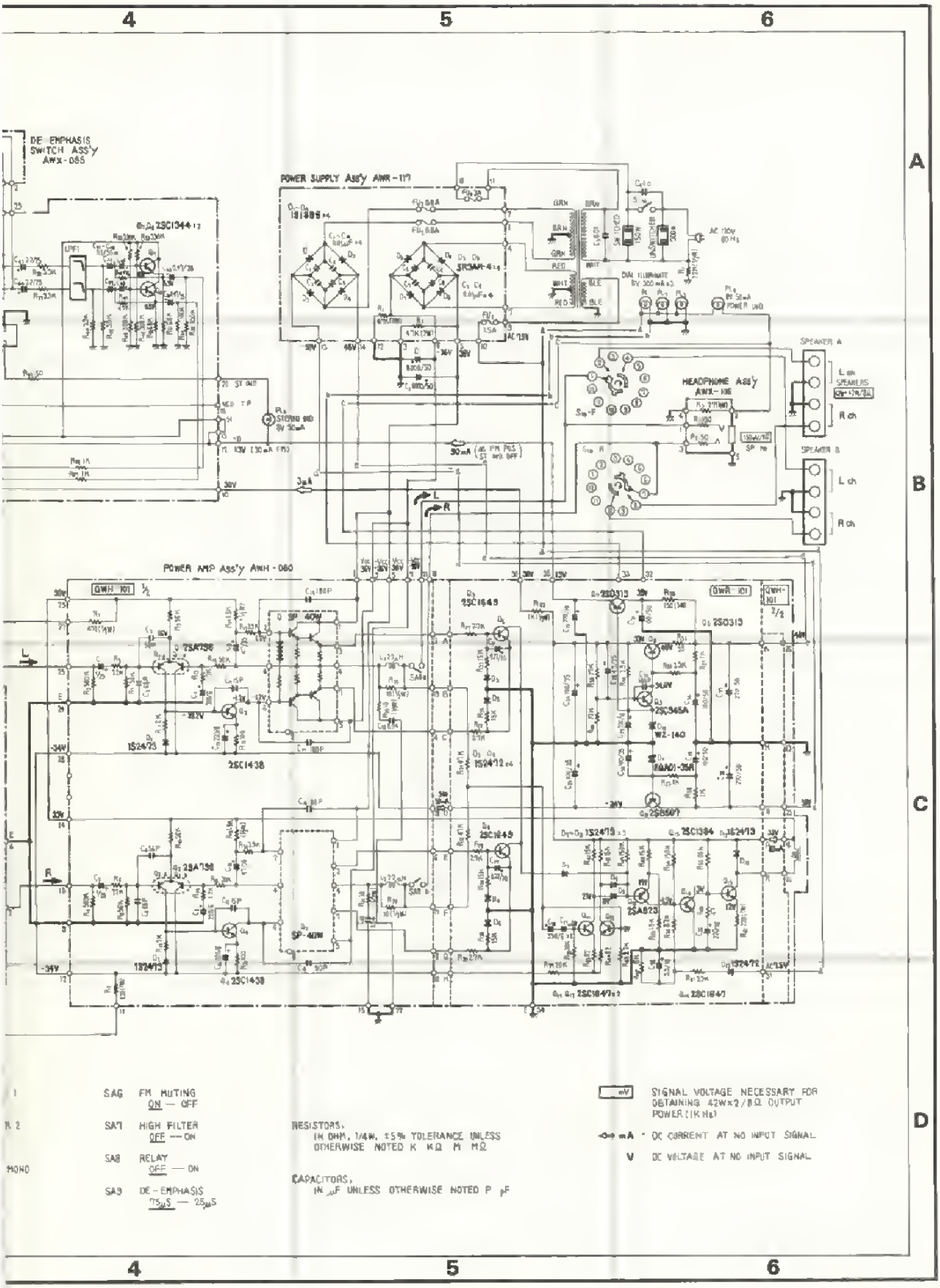
SACH-NR. / PART NO.: 29704 003 20/ 21

| POS NR<br>POS NO | ABB<br>FIG | SACHNUMMER<br>PART NUMBER | ANZ<br>QTY | BEZEICHNUNG<br>(D) | DESCRIPTION<br>(GB) |
|---|---|---|---|---|---|
| 0001 000 | | 8140-601-610 | | TUNER UV1315/I (SPANNUNGSSYNTHESIZER) | TUNER UV1315/I (VOLTAGE SYNTHESIZER) |
| WW | | 8140-601-614 | | TUNER UV1315/IU | TUNER UV1315/IU |
| 0002 000 | | 29700-633 01 | | HALTER KABEL | HOLDER CABLE |
| 0003 000 | | 29700-636 01 | | ABDECKUNG | COVER |
| 0004 000 | | 29303-119 66 | | EURO-AV BUCHSENLEISTE 21-P SCHWARZ | EURO-AV SOCKET STRIP 21 P BLACK |
| 0005 000 | ⚠ | 29303-399 51 | | NETZ EINBAUGERAETESTECKER | POWER BUILT-IN APPLIANCE |
| 0006 000 | | 29303-153 16 | | MONTAGECLIP IC61060/61040 | MOUNTING CLIP IC61060/61040 |
| 0007 000 | | 29303-153 02 | | MONTAGECLIP IC40000/50020/T53001 | MOUNTING CLIP IC40000/50020/T53001 |
| 0008 000 | | 29303-156 20 | | FOLIE WAERMELEITEND IC61050/61040 | FOIL HEAT CONDUCTING IC61050/61040 |
| 0009 000 | ⚠ | 09621-113 02 | 4 | SICHERUNGSHALTER | FUSE HOLDER |
| 0011 000 | | 29305-119 40 | | PROZESSORPLATTE (IC60920) | PROCESSOR BOARD (IC60920) |
| | | | | WW. = WAHLWEISE | WW. = OPTIONAL |

| POS NR<br>POS NO | SACHNUMMER<br>PART NUMBER | BEZEICHNUNG<br>DESCRIPTION |
|---|---|---|
| C 54002 | 8650-067-046 | HV-KERKO 100PF 20% 1KV |
| C 54011 | 8650-067-046 | HV-KERKO 100PF 20% 1KV |
| C 60001 | 8650-081-125 | HV-KERKO 1000PF 20% 1KV |
| C 60023 | 8650-081-125 | HV-KERKO 1000PF 20% 1KV |
| C 60024 | 8650-081-125 | HV-KERKO 1000PF 20% 1KV |
| C 60026 | 8650-081-125 | HV-KERKO 1000PF 20% 1KV |
| C 60027 | 8650-081-125 | HV-KERKO 1000PF 20% 1KV |
| C 61036 | 8650-067-046 | HV-KERKO 100PF 20% 1KV |
| C 61056 | 8650-067-046 | HV-KERKO 100PF 20% 1KV |
| CD 32411 | 8309-401-582 | SMD-DIODE BA582 SIE |
| CD 32421 | 8309-401-582 | SMD-DIODE BA582 SIE |
| CIC 32410 | 8305-814-094 | SMD-IC MC14094BD |
| CIC 43050 | 8305-814-551 | SMD-IC MC14551BD/R2 MOT |
| CT 31005 | 8301-003-658 | SMD-TRANS BC 858 B |
| CT 31010 | 8301-003-658 | SMD-TRANS BC 858 B |
| CT 31020 | 8301-003-658 | SMD-TRANS BC 858 B |
| CT 31030 | 8301-003-658 | SMD-TRANS BC 858 B |
| CT 32105 | 8301-005-617 | SMD-TRANS BC 817-25 |
| CT 32111 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 32119 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 32122 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 32123 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 32124 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 32132 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 32308 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 32310 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 32312 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 32315 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 32415 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 32430 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 32431 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 34031 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 34075 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 40059 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 41022 | 8301-006-808 | SMD-TRANS BC 808-40 |
| CT 41030 | 8301-006-808 | SMD-TRANS BC 808-40 |
| CT 43095 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 43246 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 43255 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 43289 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 46009 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 52253 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 57005 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 57020 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 57021 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 57112 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 57113 | 8301-003-858 | SMD-TRANS BC 858 B |
| CT 57124 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 61043 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 61053 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 61058 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 61080 | 8301-004-846 | SMD-TRANS BC 846 B |
| CT 61508 | 8301-004-848 | SMD-TRANS BC 848 B |
| CT 61511 | 8301-003-858 | SMD-TRANS BC 858 B |
| D 31001 | 9305-306-001 | IC ZTK 33 B DPD ITT |
| D 31007 | 8309-720-048 | Z-DIODE 4.7 C 0.5W |
| D 40064 | 8309-215-045 | DIODE 1N4148 |
| D 43294 | 8309-215-045 | DIODE 1N4148 |
| D 50011 | 8309-720-510 | Z-DIODE 51 C 0.5W |
| D 50013 | 8309-215-020 | DIODE 1 N 4004 GA |
| D 50014 | 8309-215-045 | DIODE 1N4148 |
| D 52001 | 8309-215-045 | DIODE 1N4148 |
| D 53003 | 8309-201-005 | DIODE BA157 |
| D 55004 | 8309-709-033 | Z-DIODE ZY 33 ITT |
| D 57011 | 8309-215-045 | DIODE 1N4148 |
| D 57012 | 8309-215-045 | DIODE 1N4148 |
| D 57013 | 8309-215-045 | DIODE 1N4148 |
| D 57023 | 8309-215-045 | DIODE 1N4148 |
| D 57101 | 8309-198-542 | DIODE BAT42/43/BAT85/86 |
| D 57122 | 8309-215-045 | DIODE 1N4148 |
| D 60005 | 8309-200-021 | DIODE BAV21 ITT/ TFK |
| D 60006 | 8309-516-854 | DIODE BYT 54 M |
| D 60007 | 8309-516-854 | DIODE BYT 54 M |
| D 60012 | 8309-200-021 | DIODE BAV21 ITT/ TFK |
| D 60037 | 8309-200-021 | DIODE BAV21 ITT/ TFK |
| IC 34015 | 8305-338-842 | IC TDA8843N1 |
| IC 40000 | 8305-367-297 | IC TDA7297 |
| IC 50020 | 8305-338-350 | IC TDA6350 Q/N5 |
| IC 61040 | 8305-204-317 | IC LM 317 T NSC/MOT/ |
| IC 61050 | 8305-204-317 | IC LM 317 T NSC/MOT/ |
| IC 61060 | 8305-205-703 | IC MC 7805 CT |
| IC 80000 | 8305-210-065 | IC MC 33164 P 5RP |
| IC 80920 | 19798-514 01 | IC 27C512-200NS PROG KPL |
| L 31043 | 8140-526-440 | DR ST 0411 GRP 8.2UH |
| L 32023 | 8140-526-419 | DR AX 0411-GA 1UH |
| L 32026 | 8140-526-034 | DR 0309 10UH 5% |
| L 32109 | 8140-526-444 | DR ST 0309 GRP 10UH |
| L 32342 | 8140-526-361 | DR 0411 10UH 5% |
| L 46021 | 8140-522-922 | DR ST 0411 6.8UH 2% SIE |
| L 46022 | 8140-526-458 | DR 0309 2.7UH 5% |
| L 53001 | 8104-982-056 | FERRITPERLE HF70 BTL 3.5X |
| L 53002 | 8104-982-056 | FERRITPERLE HF70 BTL 3.5X |
| L 53003 | 8104-982-056 | FERRITPERLE HF70 BTL 3.5X/ FERRITE BEAD |
| L 53011 | 8140-505-249 | DR A AX-GA 10UH |
| L 60012 | 8104-982-014 | DAEMPFUNGSPERLE 4330 030 |
| L 61016 | 8104-982-014 | DAEMPFUNGSPERLE 4330 030 |
| L 61036 | 8104-982-014 | DAEMPFUNGSPERLE 4330 030 |
| L 61056 | 8104-982-014 | DAEMPFUNGSPERLE 4330 030/ DAMPING BEAD |
| SI 40012 | ⚠ 8315-618-225 | LOET-SI GR 1,25 A/T |
| SI 52001 | ⚠ 8315-612-027 | LOET SI-GR 315 MA/T |
| SI 61036 | ⚠ 8315-621-027 | LOET SI-GR 2.5 A/T |
| SI 61056 | ⚠ 8315-621-027 | LOET-SI-GR 2.5 A/T |
| T 52001 | 8303-285-637 | TRANS BC 637 |
| T 53001 | 8302-900-018 | TRANS S2000N TOS/ BU508A |
| TR 52001 | 09246-866-97 | TRAFO TREIBER/ DRIVER TRANSFORMER |
| TR 53010 | ⚠ 29221-029-52 | TRAFO DIODEN-SPLIT KPL. DIODE SPLIT TRANSFORMER CPL. |
| TR 61001 | ⚠ 29201-520-97 | TRAFO SPERRWANDLER/ B.O. TYPE CONVERTER TRANSFORMER CPL. |

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Sach-Nummer 72010-800.00, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 72010 800 00, as well as the respective national deviations.


4
5
6
A
B
C
D
DE-EMPHASIS SWITCH ASS'y AWX-085
POWER SUPPLY ASS'y AWR-117
POWER AMP ASS'y AWH-060
HEADPHONE ASS'y AWX-106
SPEAKER A
SPEAKER B
L ch
R ch
SAG FM MUTING ON — OFF
SA7 HIGH FILTER OFF — ON
SA8 RELAY OFF — ON
SA9 DE-EMPHASIS 75μS — 25μS
RESISTORS: IN OHM, 1/4W, ±5% TOLERANCE UNLESS OTHERWISE NOTED K KΩ M MΩ
CAPACITORS: IN μF UNLESS OTHERWISE NOTED P pF
SIGNAL VOLTAGE NECESSARY FOR OBTAINING 42W×2/8Ω OUTPUT POWER (1K Hz)
mA : DC CURRENT AT NO INPUT SIGNAL
V DC VOLTAGE AT NO INPUT SIGNAL



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**Button 9: System Exclusive Receive (Waiting)**

As long as this page is active, the DEQ230D will allow an external device such as a computer to transmit a new bank of 30 User programs into its User memory space. Once the external device begins sending the proper sys-ex data, the DEQ230D displays the message "Rcving," or "receiving." Depending on the speed of the transmission, the transfer can happen so quickly you may not see that message. Either way, when the sys-ex transmission is complete, the DEQ230D will let you know by displaying the message "Done."

***Warning!** Sending a sys-ex bank into the DEQ230D will overwrite the User memory locations. **Make sure you have backed up the entire User memory before you load in a new set of User programs.***

If you change your mind in the middle of the transmission and realize you've loaded in the wrong bank (or worse, you forgot to back up the User programs first), you can interrupt the transmission by pressing the **[DOWN]** button. But you'd better act quickly, as the whole process takes only about one second.

And unfortunately, as soon the message "Rcving" is displayed the DEQ230D begins overwriting programs in the User bank. If you saw that message you will have lost some User programs. But if you interrupted the transmission, you will have managed to save *some* of the programs.

**Button 10: MIDI Out/Thru Select (Out/Thru)**

Sometimes it is necessary to "daisy-chain" MIDI devices so the MIDI data from one unit will be passed through one or more other pieces of MIDI gear until it is able to reach the last unit in the chain. The DEQ230D will allow you to do that when this function is set to Thru (the default value).

The setting on this page will not affect whether or not the DEQ230D will send its memory out the MIDI Out jack. When that command is initiated (Button 8), the sys-ex data will be sent in either case.

**Button 11: Sample Rate Select (44.1/48)**

The DEQ230D automatically senses an incoming digital signal through its S/PDIF input and slaves its internal clock to that, whether the rate is 44.1k or 48k. But if you need the DEQ230D to serve as an A/D converter, then it also will need to be the master clock to the receiving device.

You may prefer to record the output of the DEQ230D at either 44.1k or 48k. Use the setting of this function to set the internal clock to the desired sample rate.

**Button 12: Force Analog Input (Auto/Analog)**

There may be times when you want the DEQ230D to ignore an incoming digital signal, but you don't want to have to reach around to the back of the rack and unplug the cable going into the S/PDIF input. This function will help prevent that tangled spaghetti-mess of cables where no one knows whether the other end is actually hooked up to anything!



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# Removing the cable guise

You may need to remove the cable guise before you can connect additional peripherals to your computer; otherwise, you won't be able to access the ports.

## To remove the cable guise:

1. Press the release latch located on top of the cable guise.
2. Pull out the cable guise.

Syslog context ..... 2-132
PPTP client interface ..... 2-135
Keychain context ..... 2-137
Keys context ..... 2-138
Subscription plan context ..... 2-139
SNMP user context ..... 2-142
SNMP notification receiver context ..... 2-143
Active Directory Group context ..... 2-144
Controlled APs context ..... 2-147
Controlled APs group context ..... 2-149
Controlled APs base group context ..... 2-150
Controlled APs network configuration context ..... 2-151
Controlled APs VSC binding context ..... 2-162
Syslog context ..... 2-163
Provisioning connectivity context ..... 2-165
Provisioning discovery context ..... 2-168
Wireless interface context ..... 2-170
RADIUS profile context ..... 2-176
Local mesh profile context ..... 2-177
Local mesh provisioning context ..... 2-180
Switch port context ..... 2-181
MAC addresses list context ..... 2-186
Network profile context ..... 2-187
LLDP agent context ..... 2-188

# Chapter 7

## Pin Assignments

This chapter gives background information on the PPC-175T

Sections include:

- MAN-Heading01 style: Arial, Bold, 18pt, MAN-H1 color

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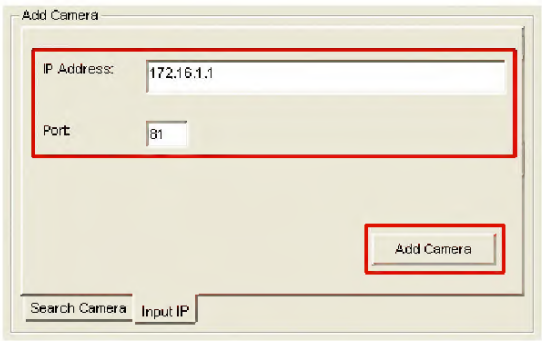
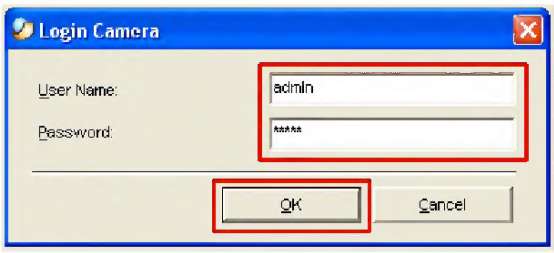
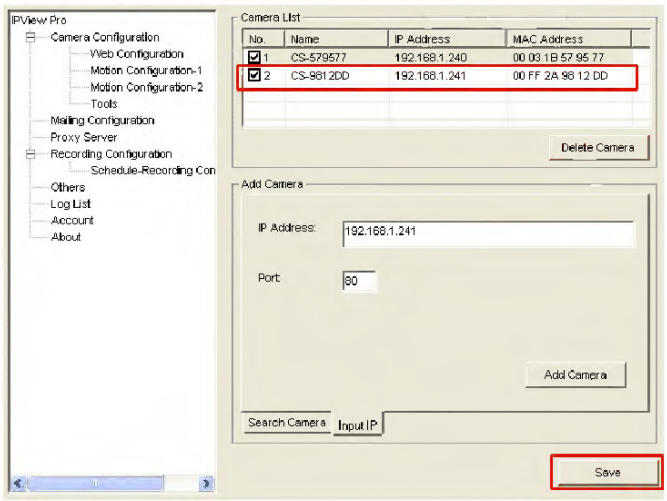
**Step 2b** For remote camera, enter the **Internet IP Address (WAN IP)** of the remote router and the port number of the **Second HTTP Port** of the remote camera and click **Add Camera**.




**Step 3** Enter the User Name and Password for the camera. (Default is **admin** for both).




**Step 4** You should see your camera added to the **Camera List**.




**Step 5** Click **Save** to apply the changes.

**Step 6** Click on the **System Configuration** button to close the System Configuration Window.



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3. Press on the top of the expansion slot latch ❶ and open the latch ❷ toward the rear of the chassis.
4. Remove the expansion slot cover ❸.

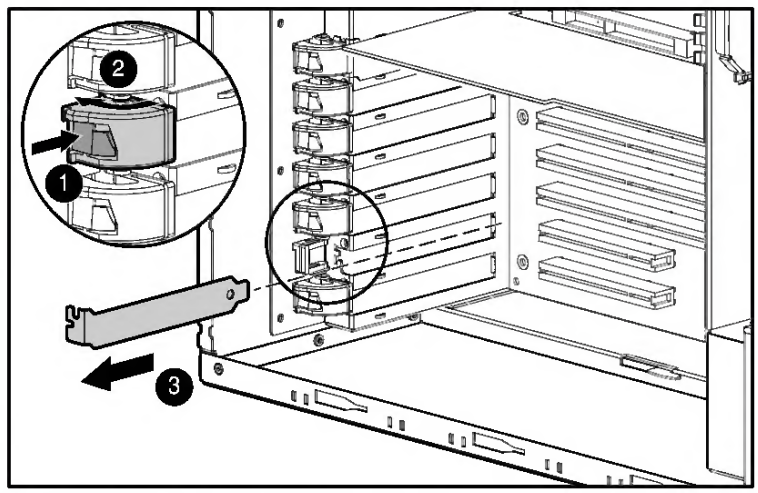


Figure 3-26. Removing the expansion slot cover

For use with 1-GHz or greater Intel Pentium III processor-based server models only

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